

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041413.D
 Acq On : 22 Jun 2019 21:24
 Operator : HP/JU
 Sample : K3158-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

Quant Time: Jun 24 02:10:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23558	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	88016	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	66743	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	196004	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	231610	20.00	ng	-0.04
87) Perylene-d12	24.99	264	243520	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	164698	128.46	ng	-0.03
7) Phenol-d6	7.21	99	220789	118.80	ng	-0.03
23) Nitrobenzene-d5	9.23	82	180222	86.11	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	148963	145.38	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	420838	85.70	ng	-0.03
79) Terphenyl-d14	20.03	244	1021995	87.45	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	19583	30.460	ng	# 33
3) Pyridine	3.86	79	39159	22.960	ng	88
4) n-Nitrosodimethylamine	3.77	42	31931	35.107	ng	91
6) Aniline	7.37	93	35985	13.930	ng	94
8) 2-Chlorophenol	7.61	128	61500	40.823	ng	96
9) Benzaldehyde	7.19	77	49312	41.485	ng	93
10) Phenol	7.23	94	73944	37.000	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	59346	39.137	ng	97
12) 1,3-Dichlorobenzene	7.93	146	70521	37.386	ng	92
13) 1,4-Dichlorobenzene	8.09	146	72866	37.817	ng	94
14) 1,2-Dichlorobenzene	8.40	146	68425	37.179	ng	95
15) Benzyl Alcohol	8.30	79	63395	35.603	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	86850	34.987	ng	96
17) 2-Methylphenol	8.50	107	55911	39.132	ng	91
18) Hexachloroethane	9.13	117	28555	37.398	ng	100
19) n-Nitroso-di-n-propylamine	8.85	70	56479	37.575	ng	94
20) 3+4-Methylphenols	8.83	107	77267	40.623	ng	96
22) Acetophenone	8.88	105	106770	41.686	ng	# 96
24) Nitrobenzene	9.27	77	88222	41.914	ng	97
25) Isophorone	9.78	82	160022	41.677	ng	100
26) 2-Nitrophenol	9.98	139	37333	43.750	ng	92
27) 2,4-Dimethylphenol	10.03	122	60069	46.962	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	81533	40.755	ng	97
29) 2,4-Dichlorophenol	10.52	162	71077	44.816	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	80690	39.725	ng	99
31) Naphthalene	10.92	128	200155	41.842	ng	99
32) Benzoic acid	10.20	122	2413	2.898	ng	90
33) 4-Chloroaniline	11.06	127	6886	3.390	ng	# 84
34) Hexachlorobutadiene	11.18	225	61620	38.218	ng	95
35) Caprolactam	11.83	113	10267	18.804	ng	# 76
36) 4-Chloro-3-methylphenol	12.15	107	82636	45.109	ng	94
37) 2-Methylnaphthalene	12.52	142	148566	42.168	ng	98
38) 1-Methylnaphthalene	12.74	142	140979	41.823	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	109626	39.777	ng	99

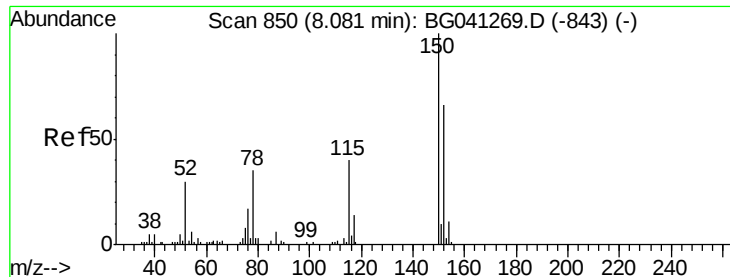
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	144008	77.573	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	70671	41.452	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	78096	44.518	nq	97
46) 1,1'-Biphenyl	13.52	154	202535	40.140	nq	98
47) 2-Chloronaphthalene	13.57	162	170518	39.253	nq	97
48) 2-Nitroaniline	13.78	65	64505	40.544	nq	91
49) Acenaphthylene	14.41	152	273914	41.553	nq	99
50) Dimethylphthalate	14.14	163	246400	41.492	nq	99
51) 2,6-Dinitrotoluene	14.27	165	54422	43.462	nq	98
52) Acenaphthene	14.75	154	159094	41.100	nq	98
53) 3-Nitroaniline	14.61	138	19257	15.609	nq	99
54) 2,4-Dinitrophenol	14.82	184	38734	45.261	nq	98
55) Dibenzofuran	15.08	168	285918	42.483	nq	99
56) 4-Nitrophenol	14.92	139	80204	85.354	nq	95
57) 2,4-Dinitrotoluene	15.06	165	83952	45.865	nq	99
58) Fluorene	15.73	166	228359	43.133	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84654	46.665	nq	99
60) Diethylphthalate	15.49	149	264077	43.750	nq	100
61) 4-Chlorophenyl-phenylether	15.72	204	144378	41.914	nq	99
62) 4-Nitroaniline	15.78	138	52357	39.681	nq	95
63) Azobenzene	16.01	77	228415	42.418	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	41418	32.556	nq	97
66) n-Nitrosodiphenylamine	15.93	169	217579	41.807	nq	100
67) 4-Bromophenyl-phenylether	16.61	248	97009	38.277	nq	98
68) Hexachlorobenzene	16.73	284	104277	38.423	nq	95
69) Atrazine	16.88	200	105684	Below	Cal	99
70) Pentachlorophenol	17.08	266	116480	83.818	nq	97
71) Phenanthrene	17.47	178	439786	42.070	nq	99
72) Anthracene	17.57	178	453612	44.015	nq	99
73) Carbazole	17.84	167	411293	45.621	nq	99
74) Di-n-butylphthalate	18.37	149	501153	44.551	nq	99
75) Fluoranthene	19.48	202	639956	46.081	nq	99
77) Benzidine	19.68	184	25549	4.561	nq	98
78) Pyrene	19.85	202	655941	41.994	nq	100
80) Butylbenzylphthalate	20.71	149	246102	41.654	nq	96
81) Benzo(a)anthracene	21.68	228	647551	41.293	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	84822	15.408	nq	97
83) Chrysene	21.75	228	631139	41.850	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	346706	43.060	nq	98
85) Di-n-octyl phthalate	22.77	149	594034	43.608	nq	98
86) Indeno(1,2,3-cd)pyrene	28.77	276	756361	42.272	nq	# 98
88) Benzo(b)fluoranthene	23.94	252	649139	43.013	nq	100
89) Benzo(k)fluoranthene	24.01	252	640444	42.838	nq	98
90) Benzo(a)pyrene	24.84	252	628642	44.106	nq	100
91) Dibenzo(a,h)anthracene	28.83	278	628449	43.797	nq	97
92) Benzo(g,h,i)perylene	29.96	276	633459	44.671	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

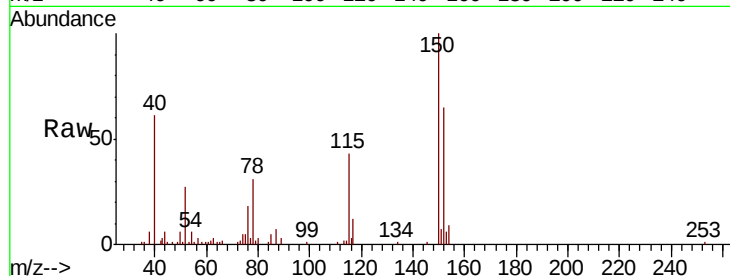


#1

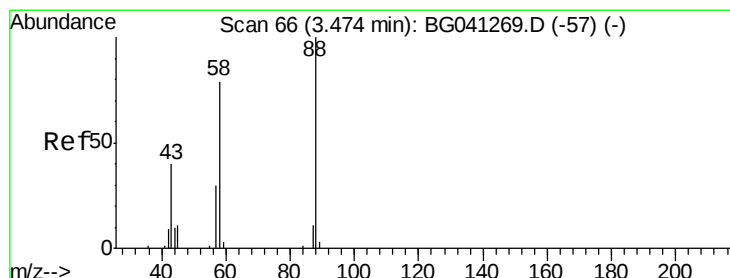
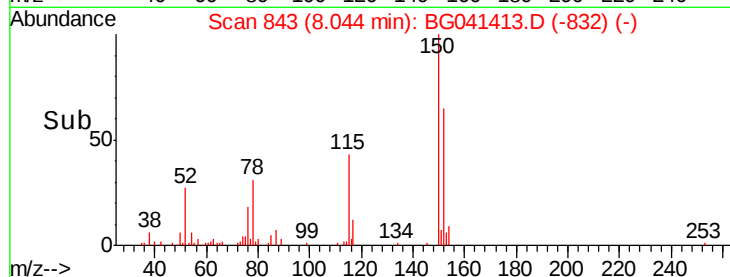
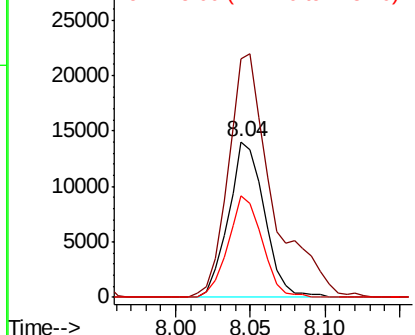
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:152 Resp: 23558
Ion Ratio Lower Upper
152 100
150 153.5 120.6 181.0
115 65.5 47.9 71.9



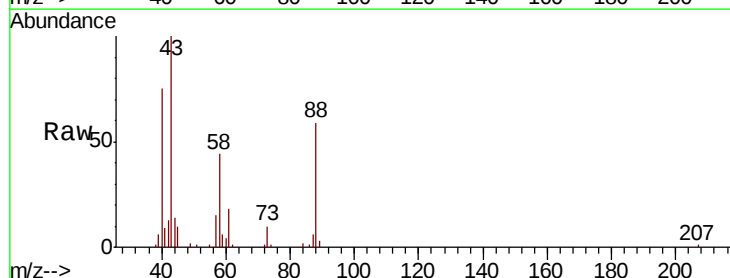
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



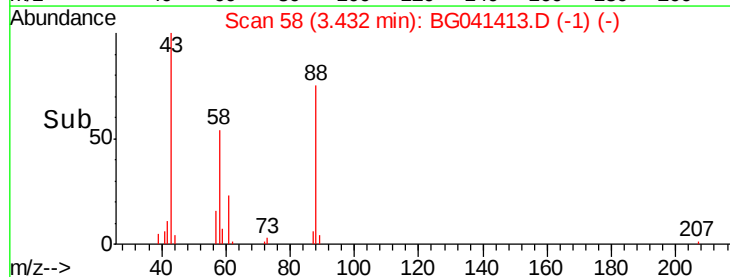
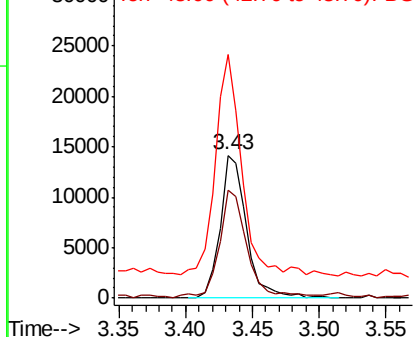
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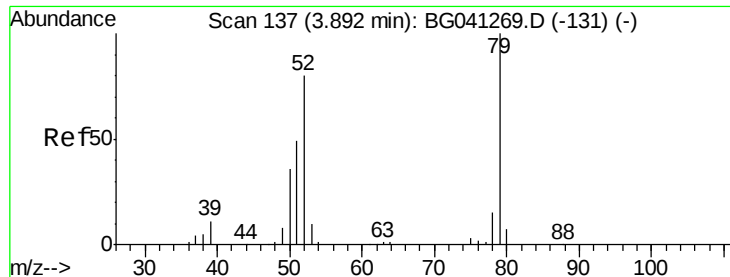
1,4-Dioxane
Concen: 30.460 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion: 88 Resp: 19583
Ion Ratio Lower Upper
88 100
58 81.3 59.7 89.5
43 148.7 31.9 47.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.960 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

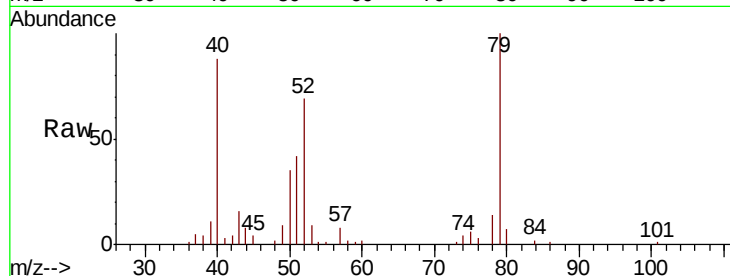
Tot Ion: 79 Resp: 39159

Ion Ratio Lower Upper

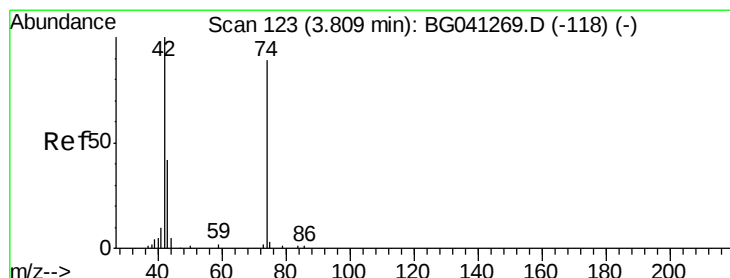
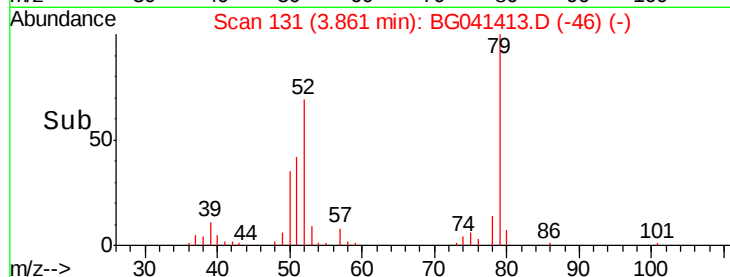
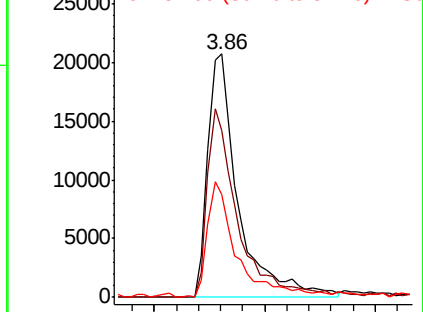
79 100

52 68.6 63.6 95.4

51 42.2 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.107 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

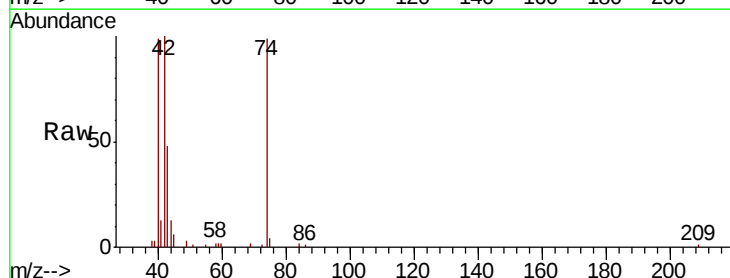
Tgt Ion: 42 Resp: 31931

Ion Ratio Lower Upper

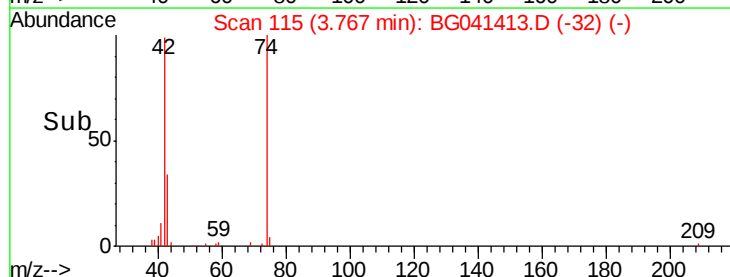
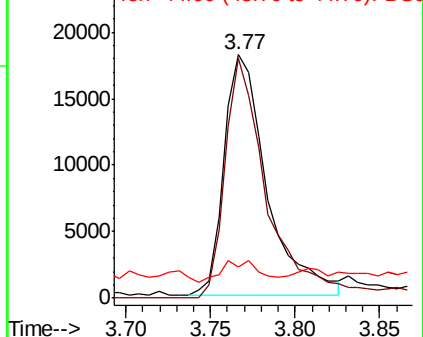
42 100

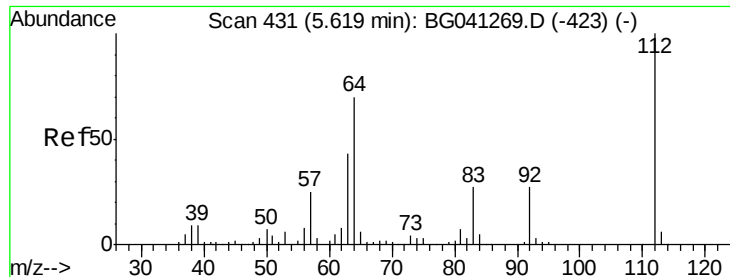
74 98.5 71.6 107.4

44 13.0 9.0 13.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.457 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

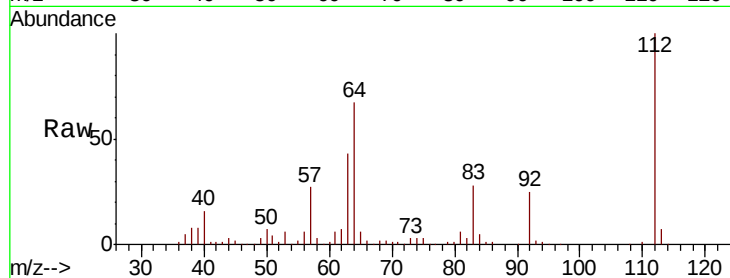
Tot Ion:112 Resp: 164698

Ion Ratio Lower Upper

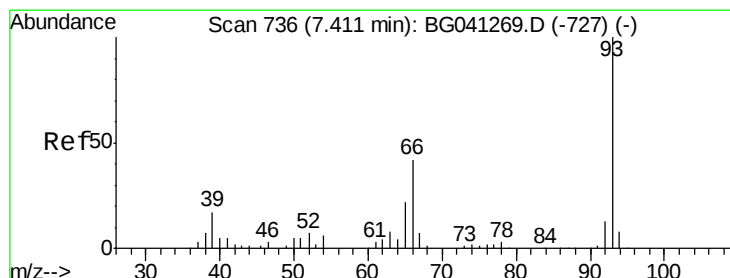
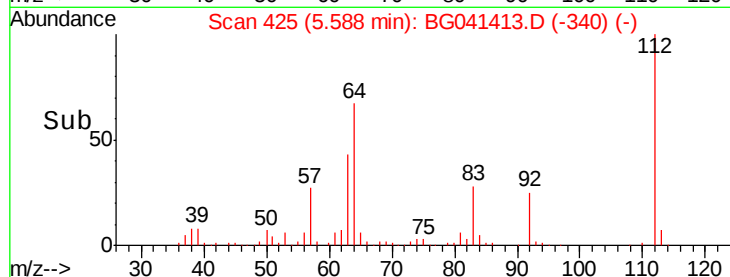
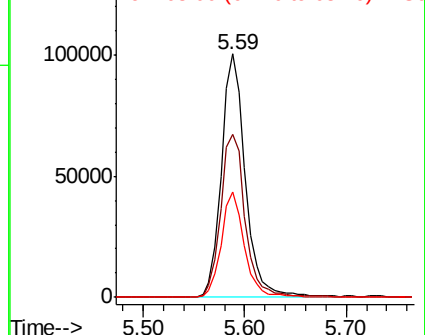
112 100

64 66.8 55.9 83.9

63 43.3 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.930 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

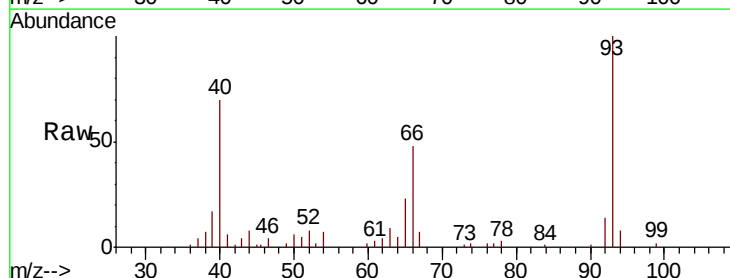
Tgt Ion: 93 Resp: 35985

Ion Ratio Lower Upper

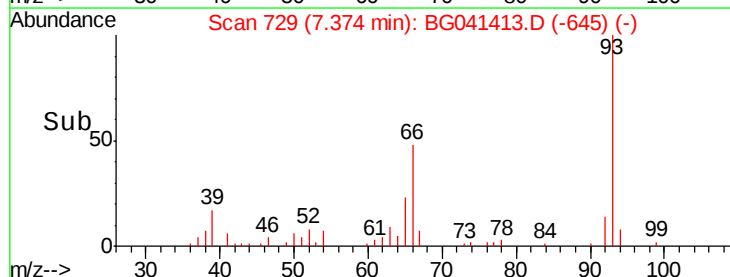
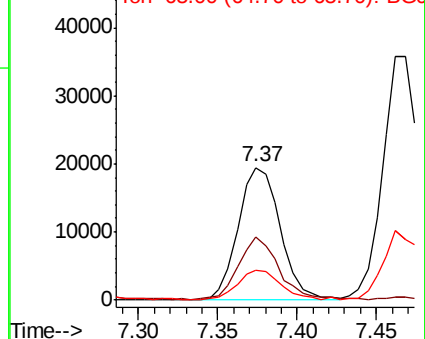
93 100

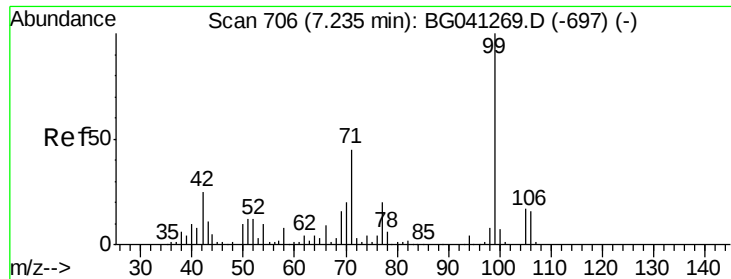
66 47.9 34.2 51.2

65 23.0 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.802 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

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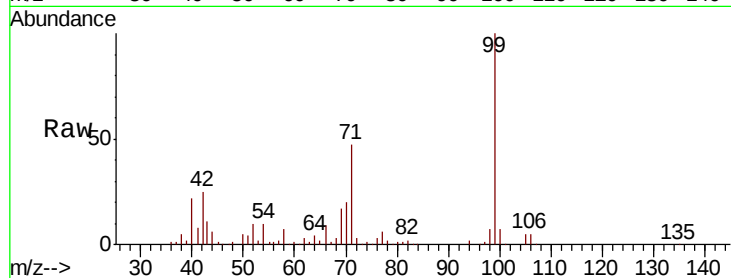
Tot Ion: 99 Resp: 220789

Ion Ratio Lower Upper

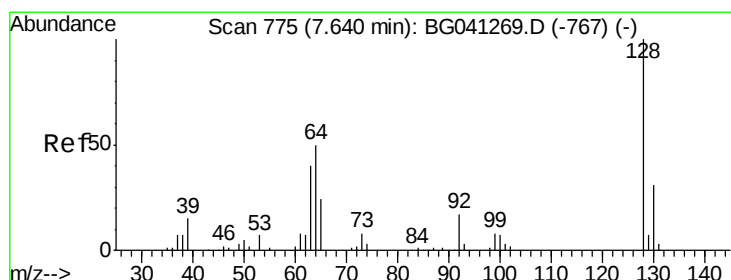
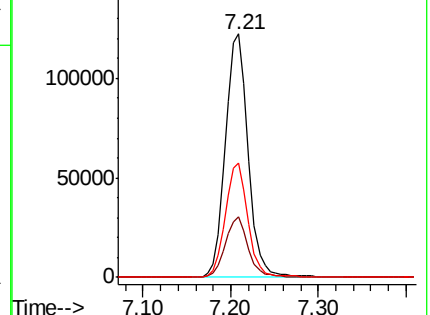
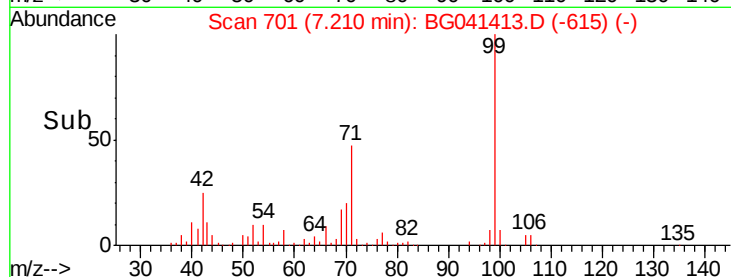
99 100

42 24.9 19.9 29.9

71 47.1 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.823 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

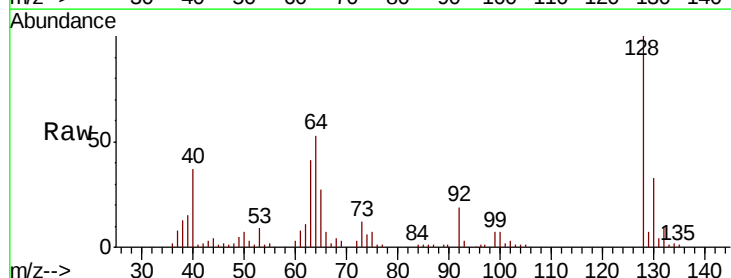
Tgt Ion: 128 Resp: 61500

Ion Ratio Lower Upper

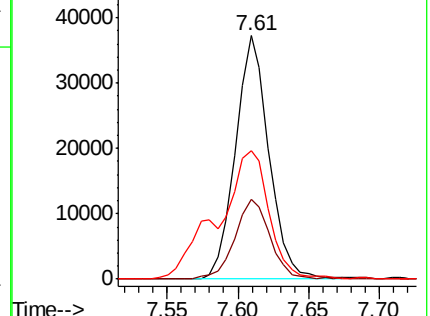
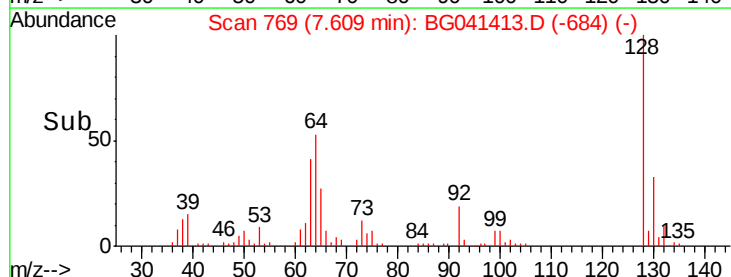
128 100

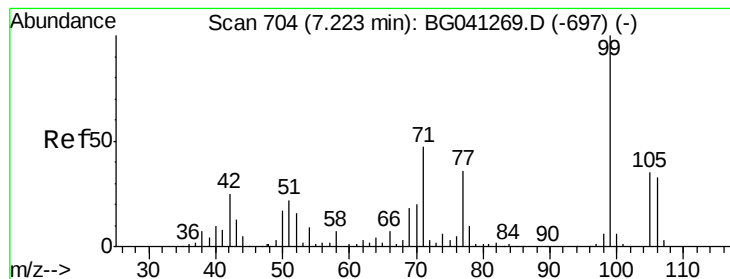
130 32.8 11.1 51.1

64 53.0 36.6 76.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.485 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

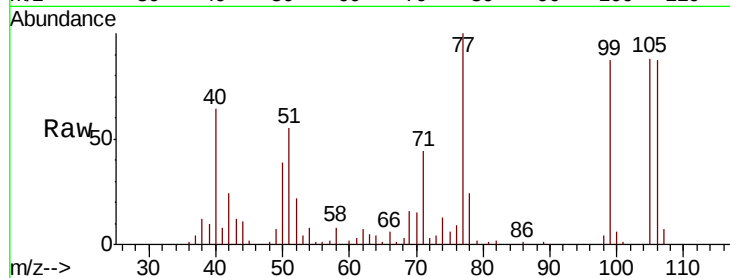
Tot Ion: 77 Resp: 49312

Ion Ratio Lower Upper

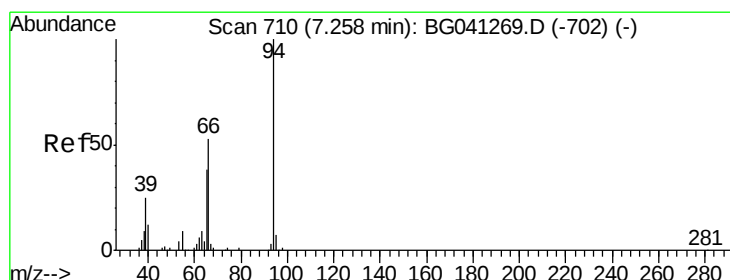
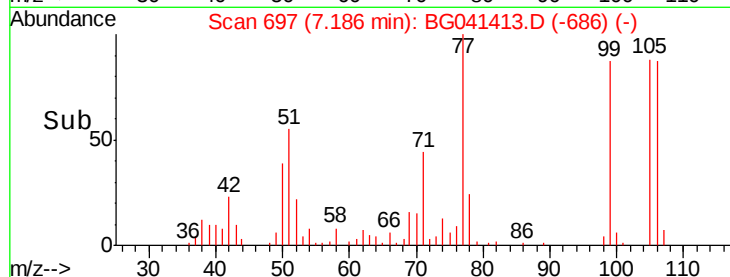
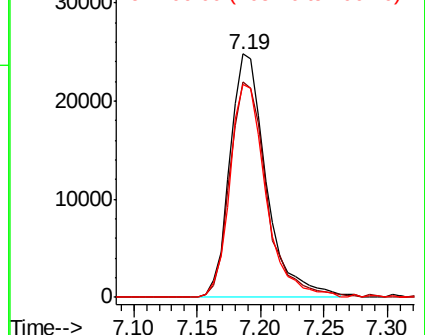
77 100

105 88.4 78.7 118.7

106 87.3 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.000 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

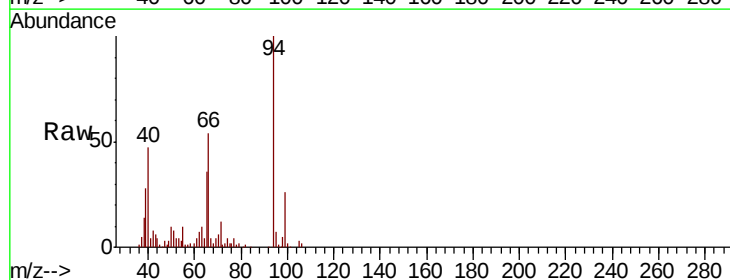
Tgt Ion: 94 Resp: 73944

Ion Ratio Lower Upper

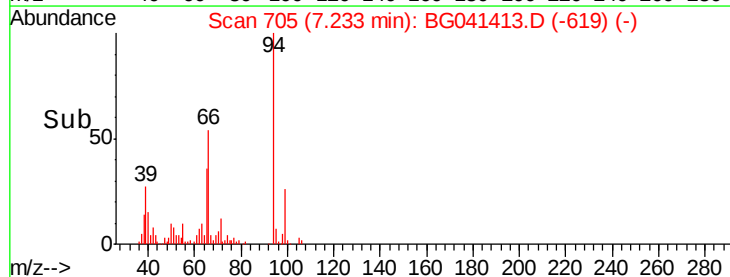
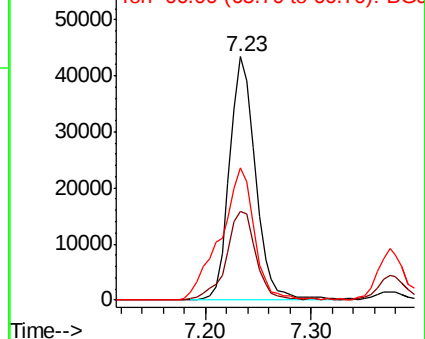
94 100

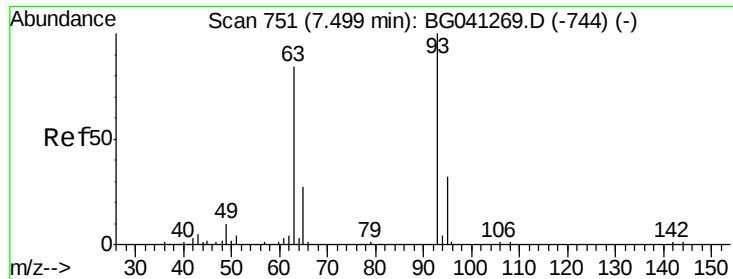
65 36.3 18.7 58.7

66 54.3 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.137 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

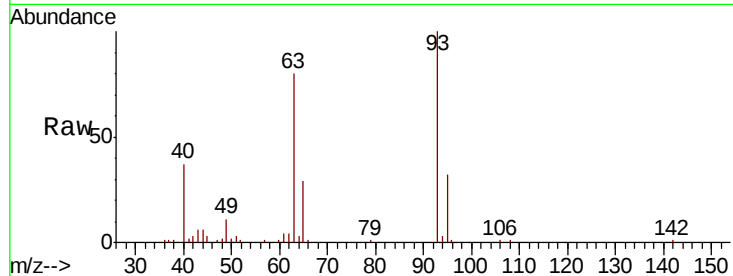
Tot Ion: 93 Resp: 59346

Ion Ratio Lower Upper

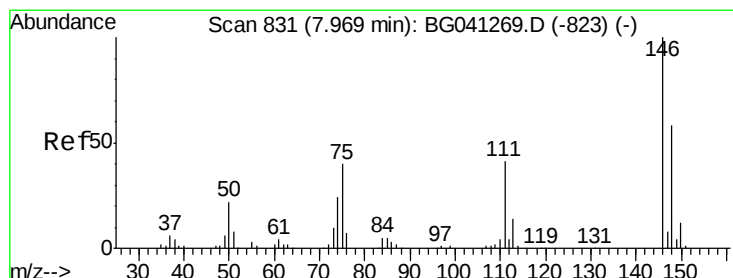
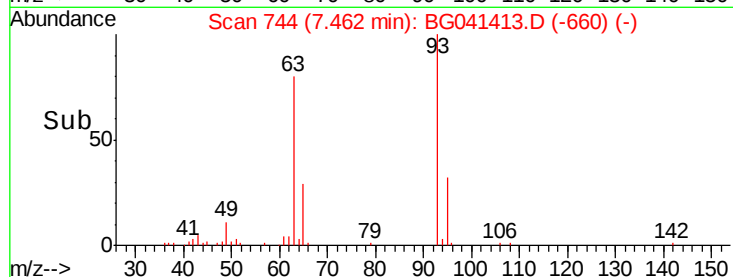
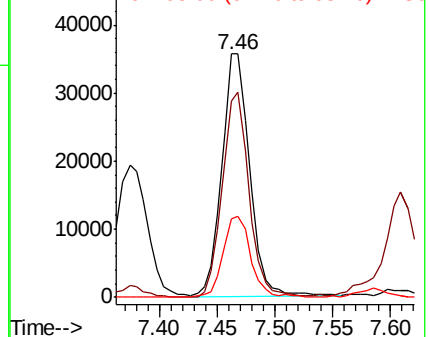
93 100

63 80.5 63.6 103.6

95 32.3 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.386 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

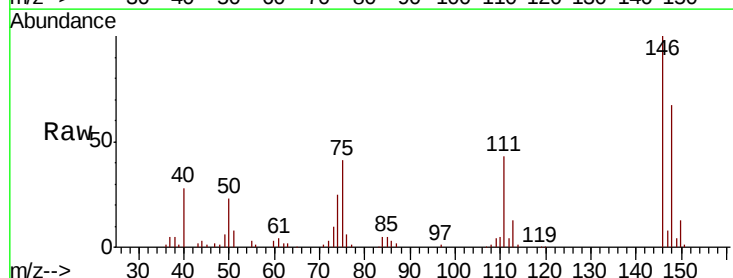
Tgt Ion: 146 Resp: 70521

Ion Ratio Lower Upper

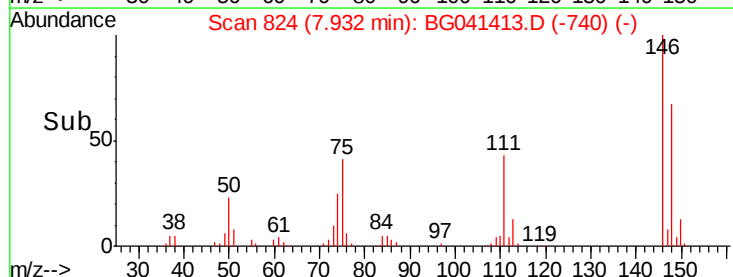
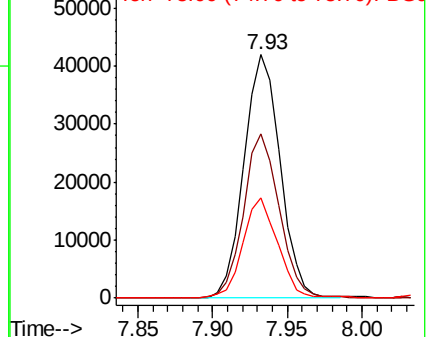
146 100

148 67.4 46.5 69.7

75 41.3 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

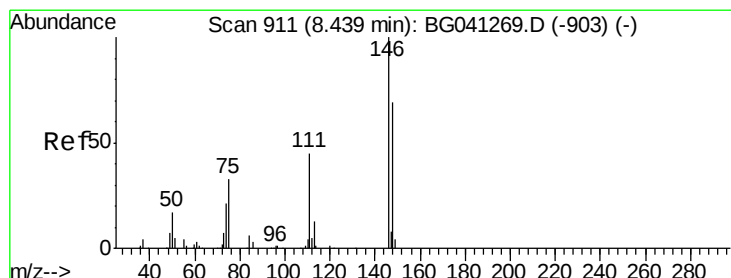
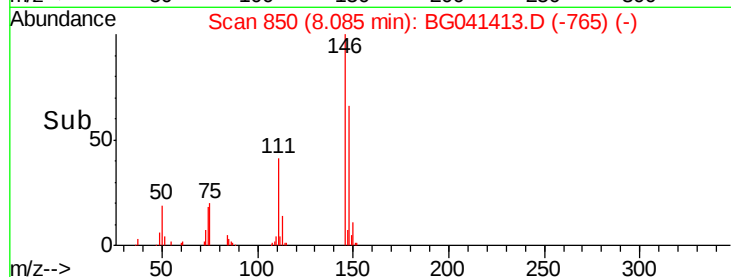
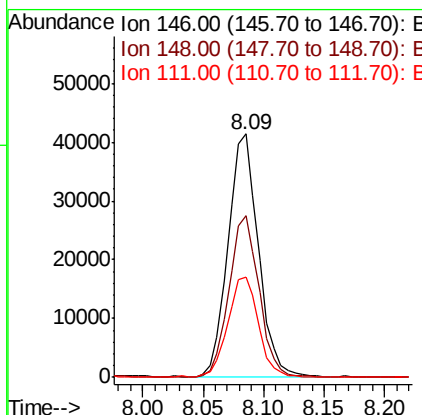
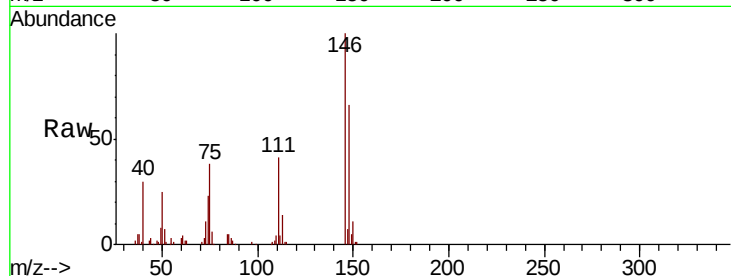




#13
 1,4-Dichlorobenzene
 Concen: 37.817 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

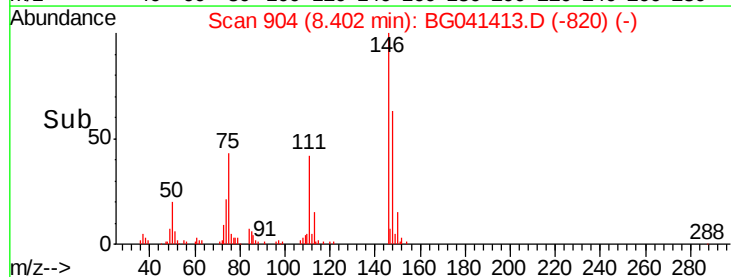
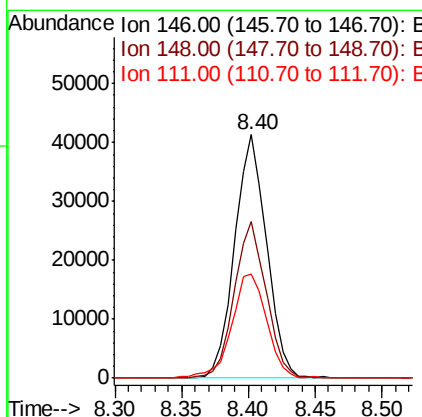
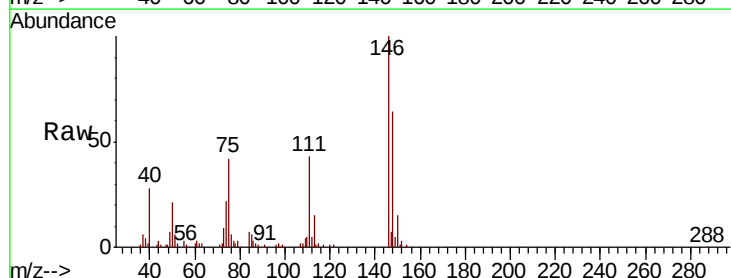
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

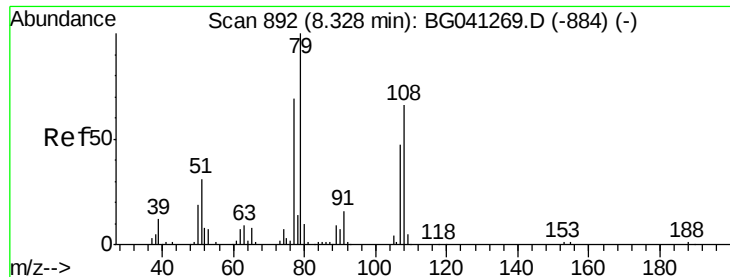
Tot Ion:146 Resp: 72866
 Ion Ratio Lower Upper
 146 100
 148 66.5 47.3 70.9
 111 41.0 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 37.179 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.04 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Tgt Ion:146 Resp: 68425
 Ion Ratio Lower Upper
 146 100
 148 64.4 54.9 82.3
 111 42.8 37.0 55.6





#15

Benzyl Alcohol

Concen: 35.603 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

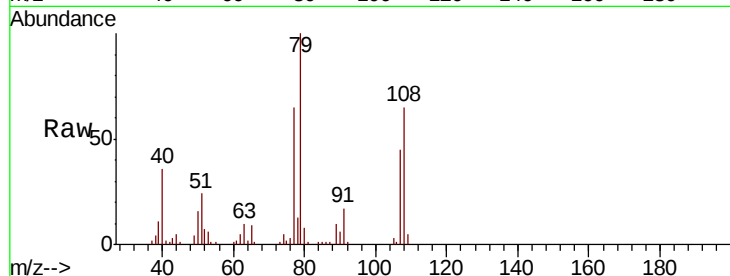
Tot Ion: 79 Resp: 63395

Ion Ratio Lower Upper

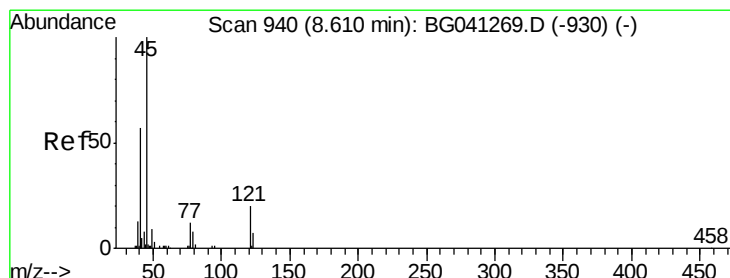
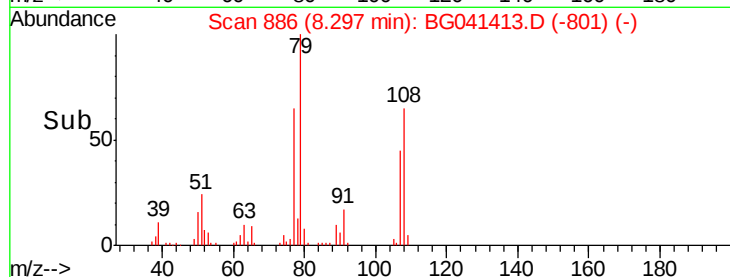
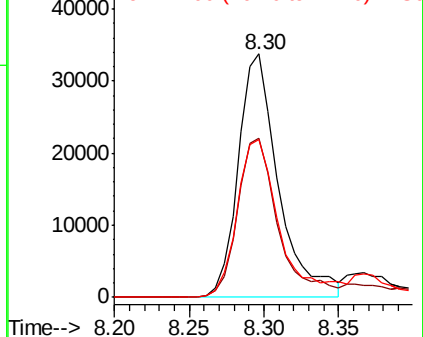
79 100

108 65.4 52.7 79.1

77 65.1 55.2 82.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.987 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

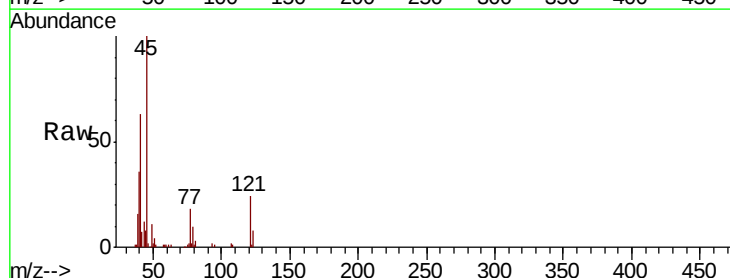
Tgt Ion: 45 Resp: 86850

Ion Ratio Lower Upper

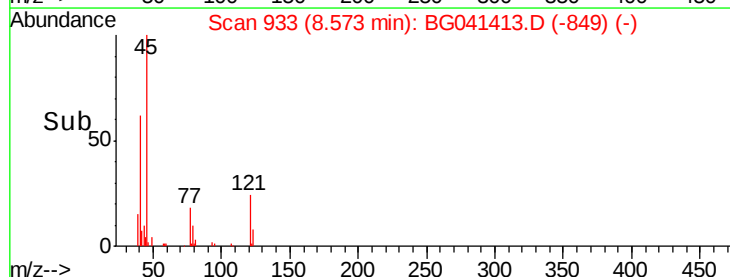
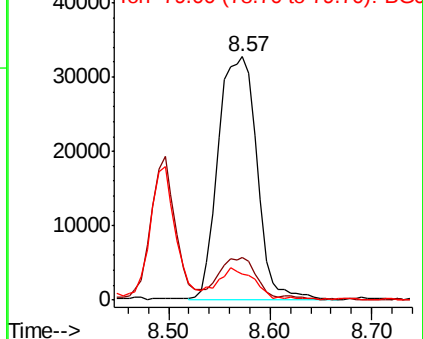
45 100

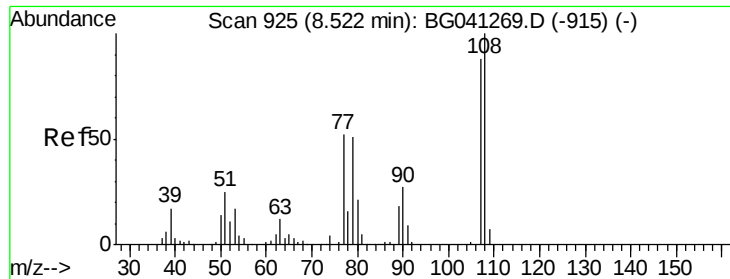
77 17.6 0.0 35.2

79 10.5 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

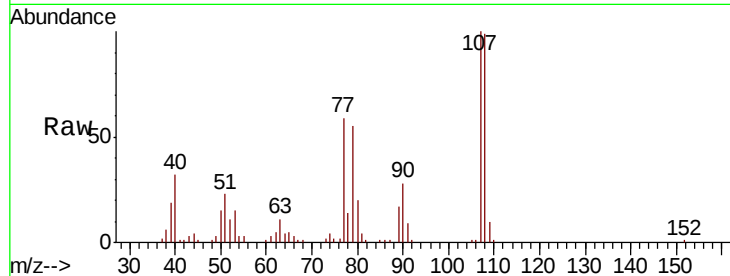




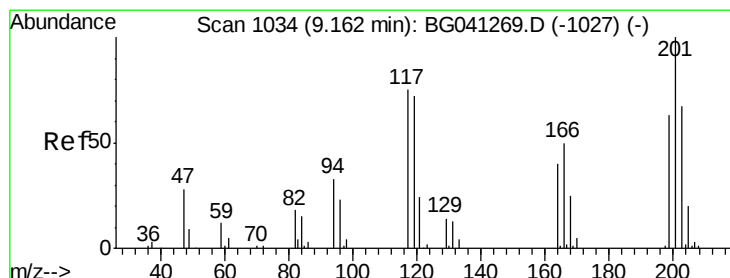
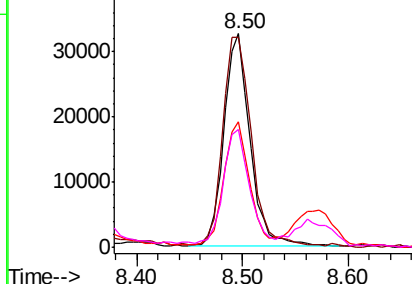
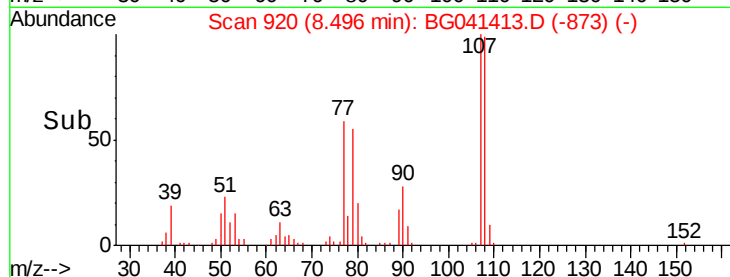
#17
2-Methylphenol
Concen: 39.132 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:107 Resp: 55911
Ion Ratio Lower Upper
107 100
108 98.5 91.7 137.5
77 58.9 47.8 71.8
79 54.9 46.8 70.2

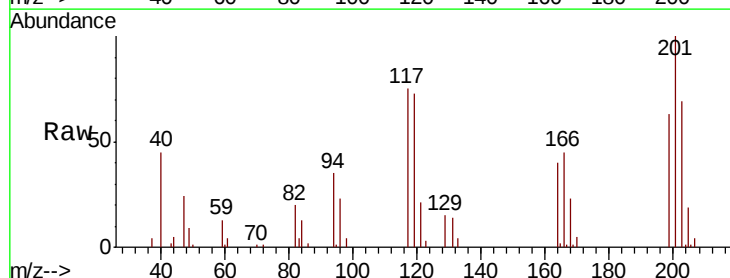


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

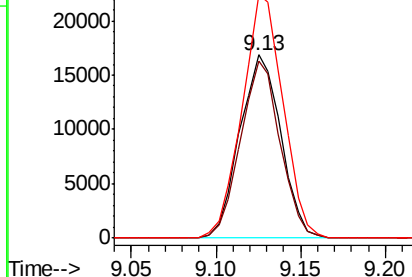
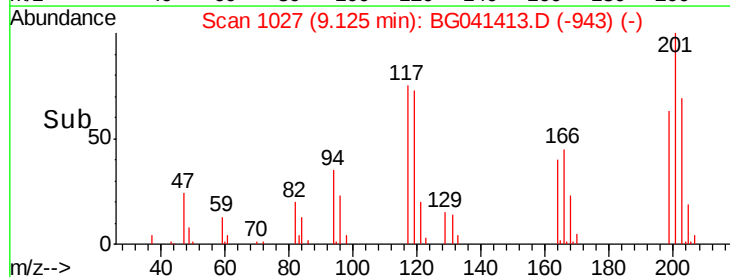


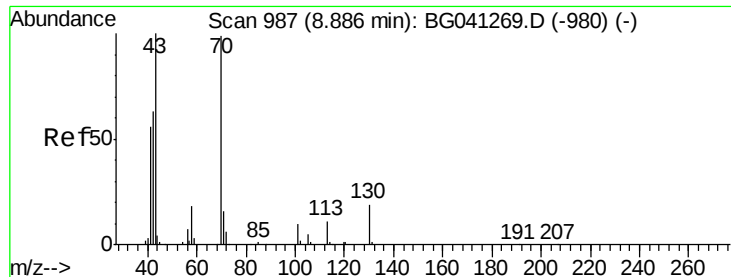
#18
Hexachloroethane
Concen: 37.398 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:117 Resp: 28555
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
201 132.8 106.3 159.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

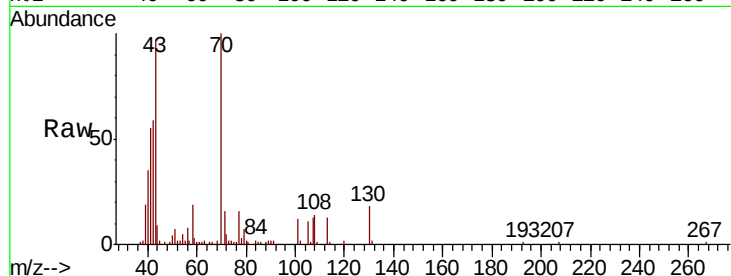




#19
n-Nitroso-di-n-propylamine
Concen: 37.575 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:	70	Resp:	56479
Ion	Ratio	Lower	Upper
70	100		
42	58.7	51.4	77.2
101	11.6	8.2	12.2
130	17.9	15.2	22.8



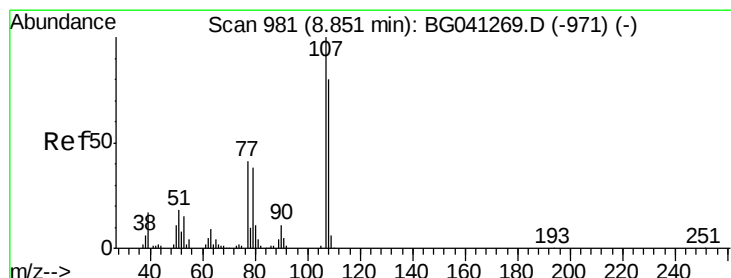
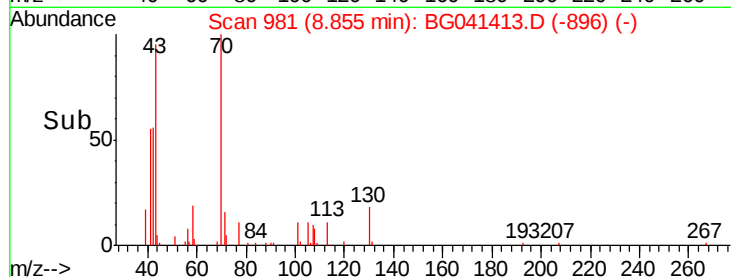
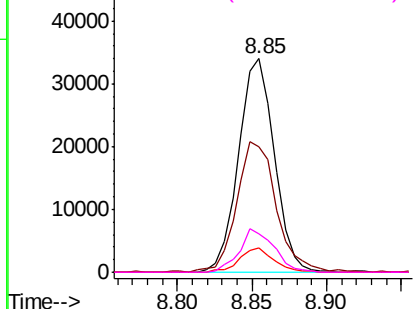
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

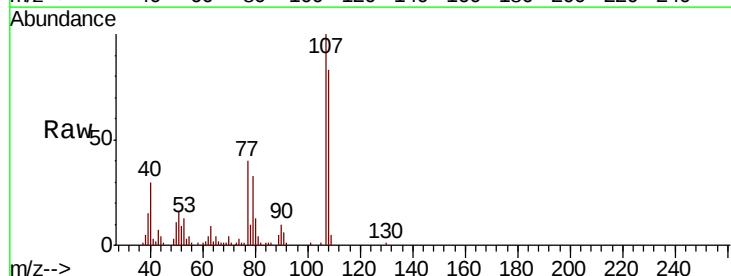
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.623 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:	107	Resp:	77267
Ion	Ratio	Lower	Upper
107	100		
108	83.1	60.4	100.4
77	40.2	21.2	61.2
79	32.8	17.7	57.7



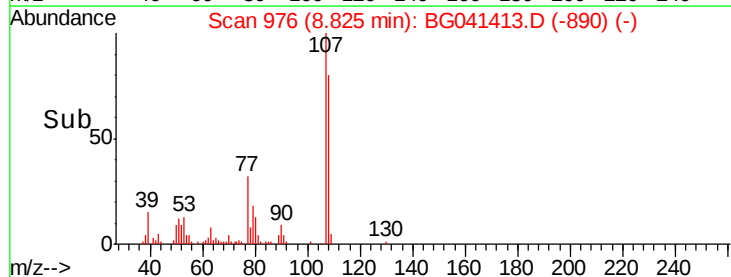
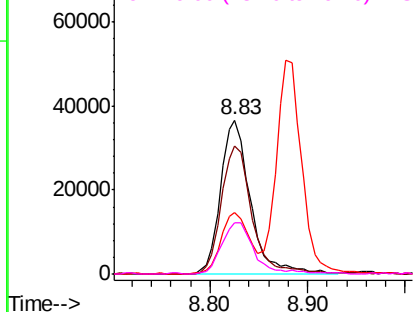
Abundance

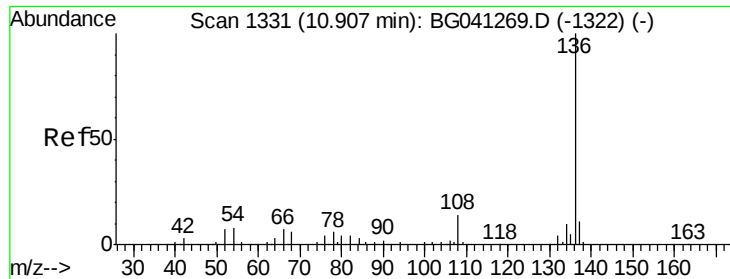
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

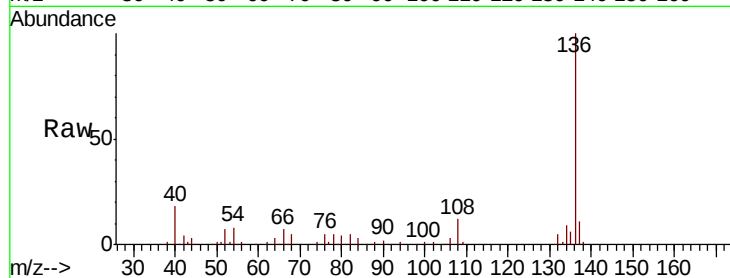




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:136	Resp:	88016
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	7.9	6.4 9.6
68	5.3	4.8 7.2



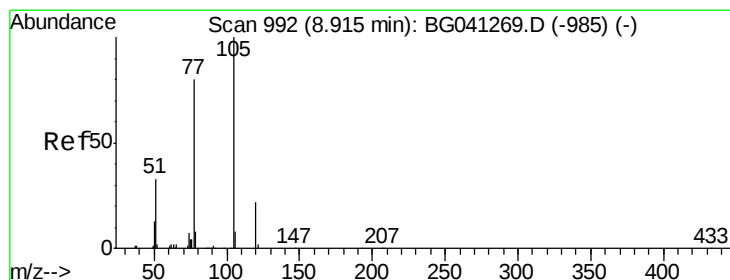
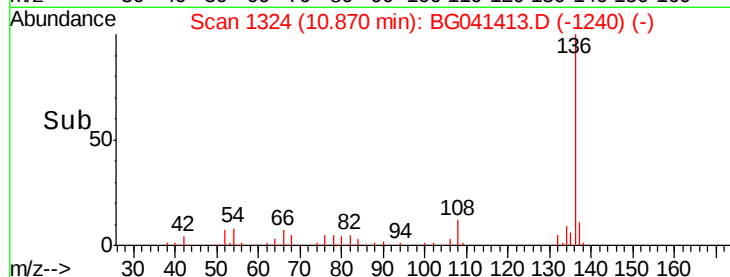
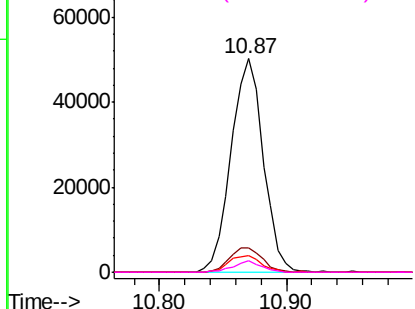
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

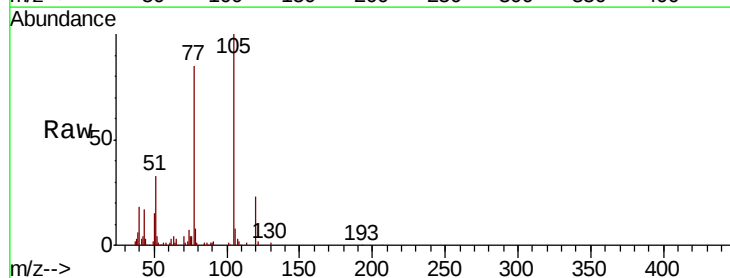
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.686 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:105	Resp:	106770
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.4 0.6#
51	32.5	28.2 42.4
120	22.8	17.4 26.0



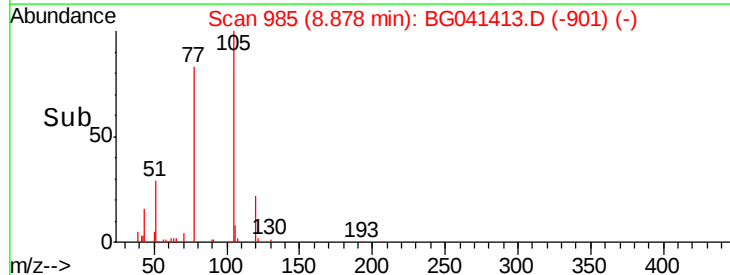
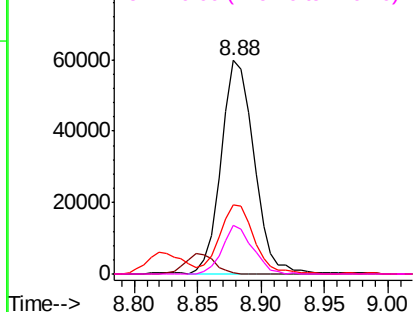
Abundance

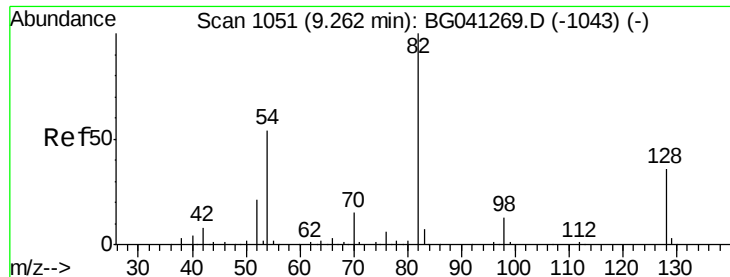
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

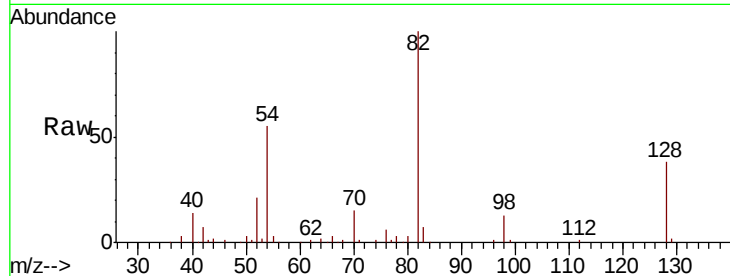




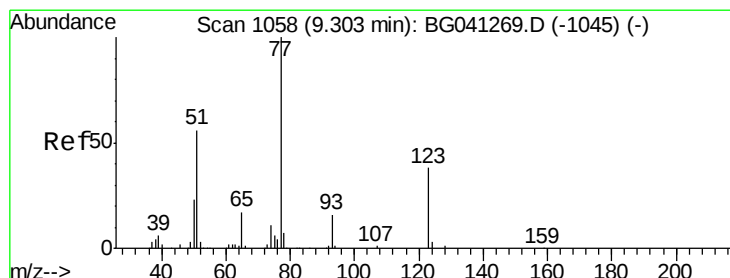
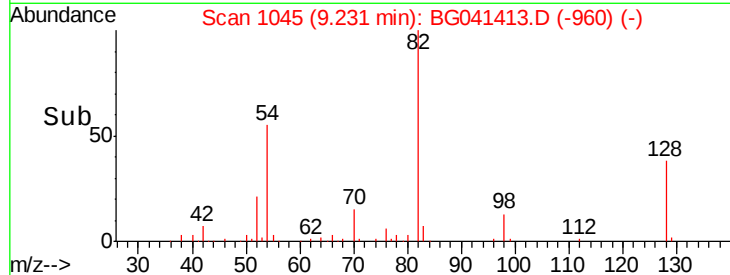
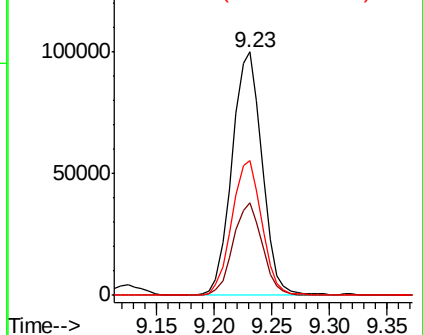
#23
Nitrobenzene-d5
Concen: 86.115 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion	82	Resp	180222
Ion Ratio	100	Lower	Upper
128	38.2	29.2	43.8
54	55.3	43.4	65.0

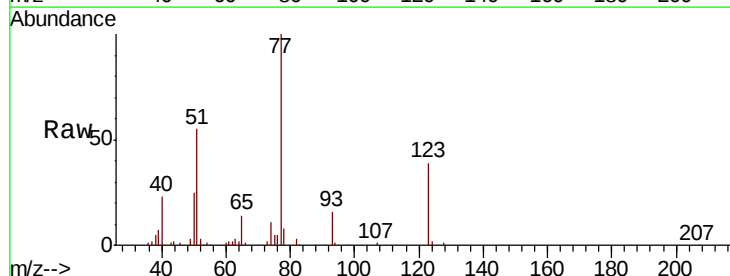


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

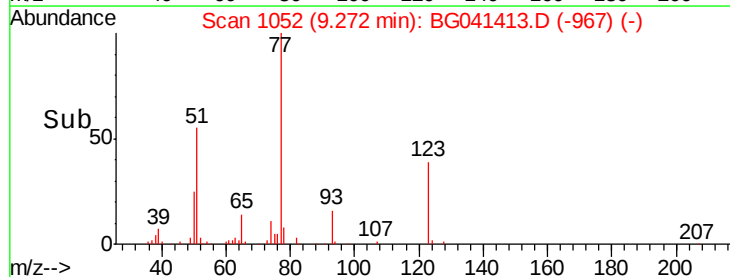
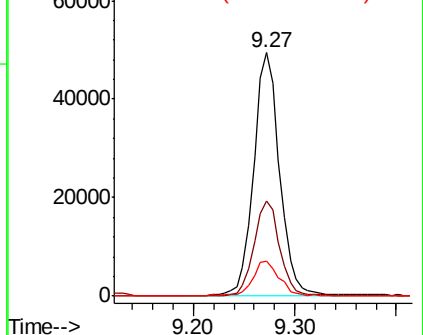


#24
Nitrobenzene
Concen: 41.914 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion	77	Resp	88222
Ion Ratio	100	Lower	Upper
123	38.9	30.4	45.6
65	14.2	13.3	19.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

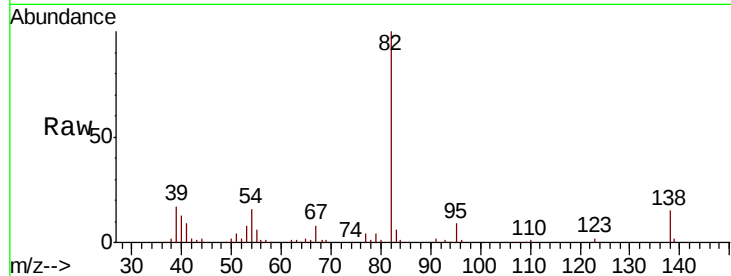




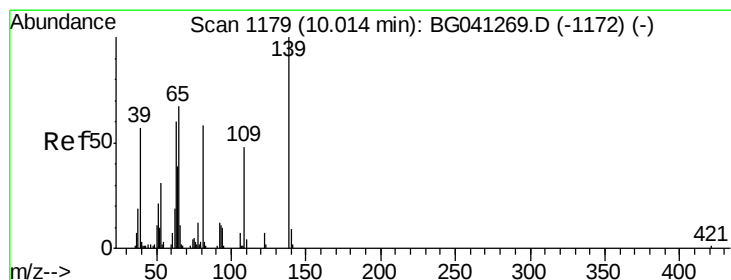
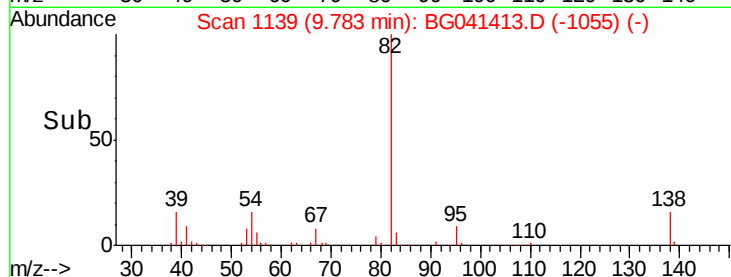
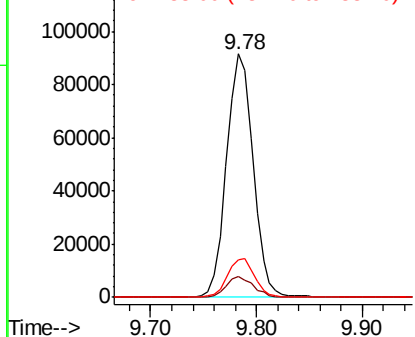
#25
Isophorone
Concen: 41.677 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion: 82 Resp: 160022
Ion Ratio Lower Upper
82 100
95 8.7 6.6 10.0
138 15.4 12.3 18.5

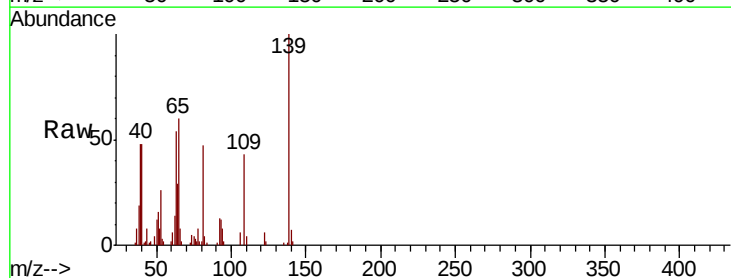


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

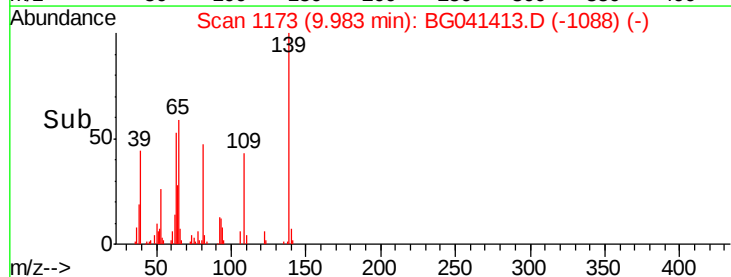
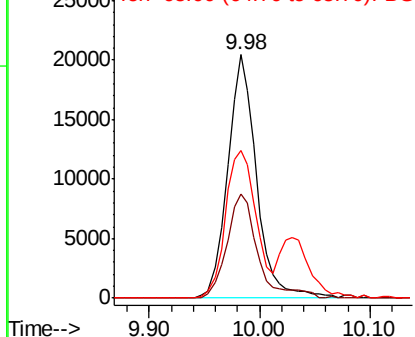


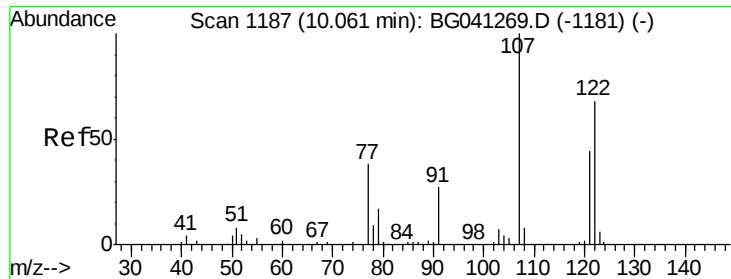
#26
2-Nitrophenol
Concen: 43.750 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion: 139 Resp: 37333
Ion Ratio Lower Upper
139 100
109 43.0 38.4 57.6
65 60.4 53.6 80.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

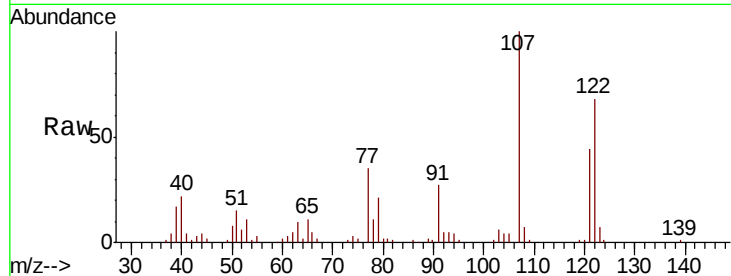




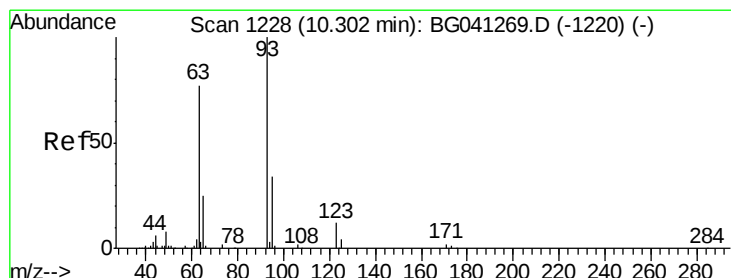
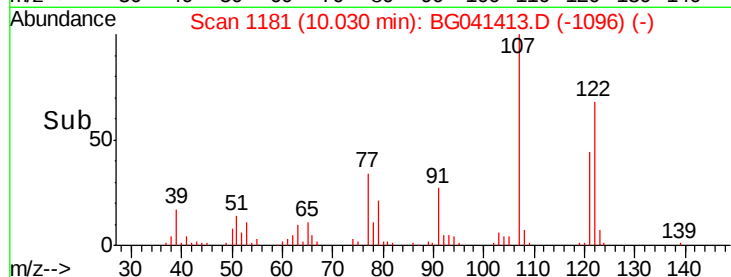
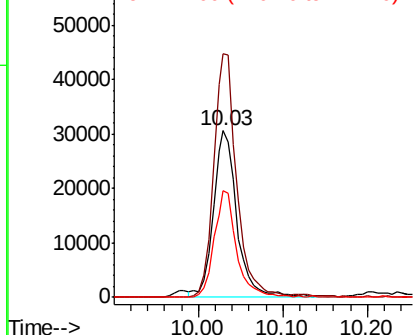
#27
2,4-Dimethylphenol
Concen: 46.962 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:122 Resp: 60069
Ion Ratio Lower Upper
122 100
107 146.1 115.1 172.7
121 64.3 50.1 75.1

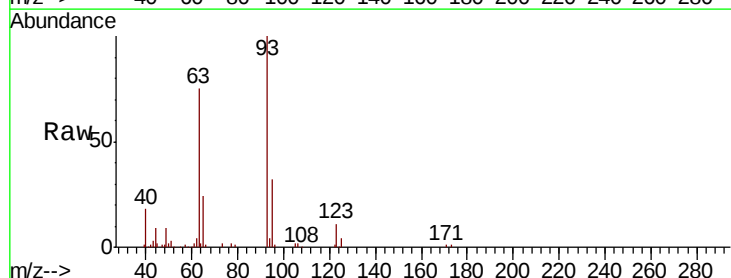


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

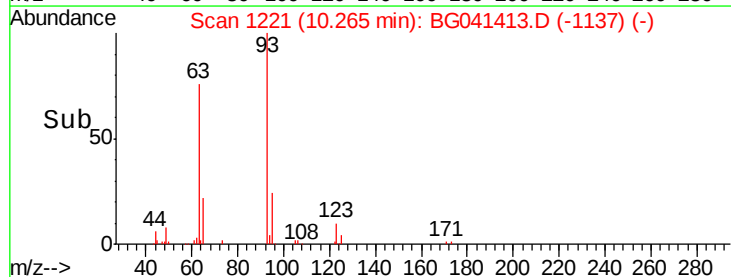
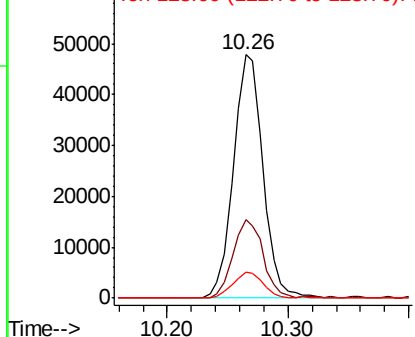


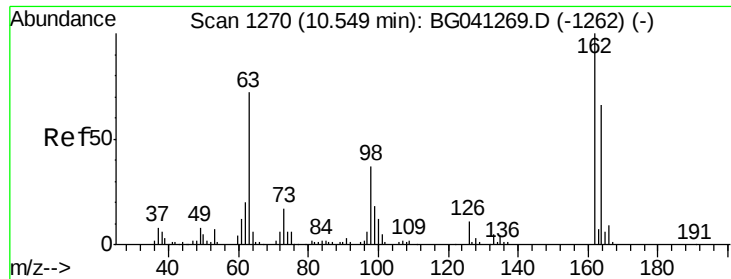
#28
bis(2-Chloroethoxy)methane
Concen: 40.755 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion: 93 Resp: 81533
Ion Ratio Lower Upper
93 100
95 32.1 27.3 40.9
123 10.8 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

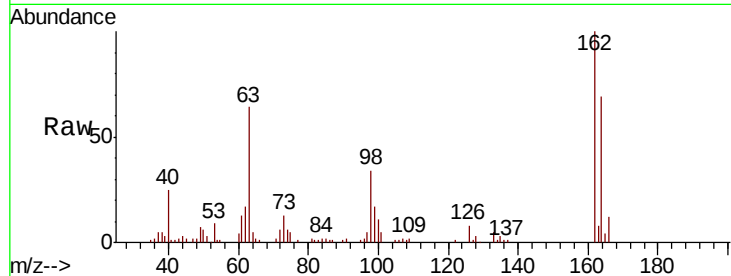




#29
 2,4-Dichlorophenol
 Concen: 44.816 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.3	46.0	86.0
98	34.0	17.4	57.4

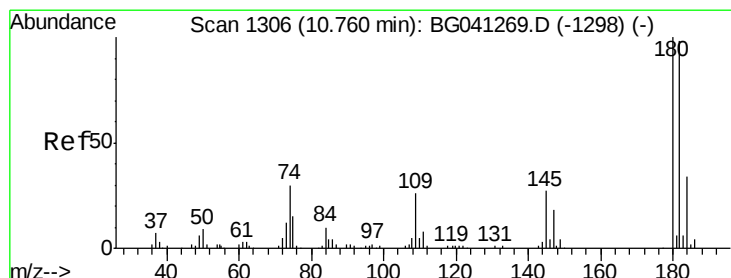
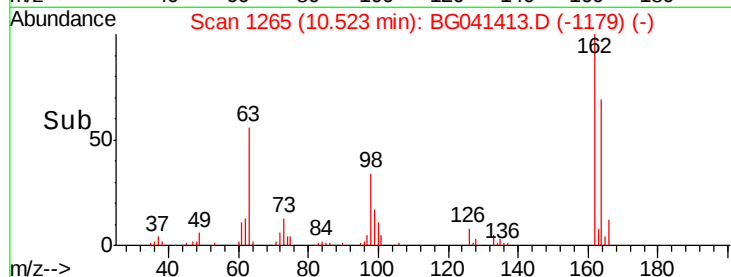
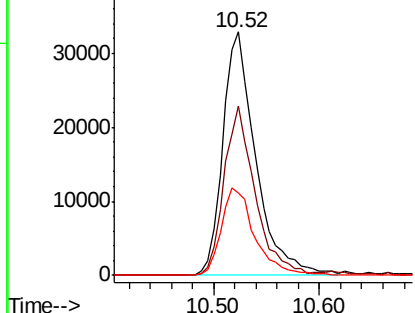


Abundance

Ion 162.00 (161.70 to 162.70): E

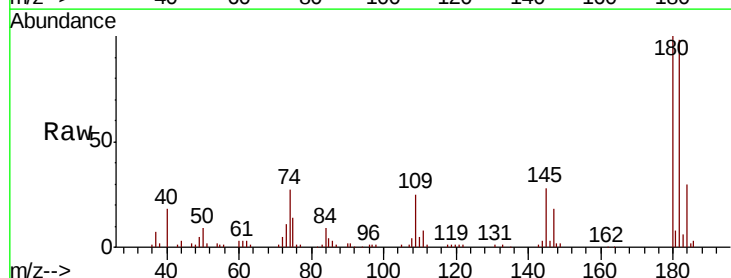
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.725 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.6	117.8
145	28.1	21.7	32.5

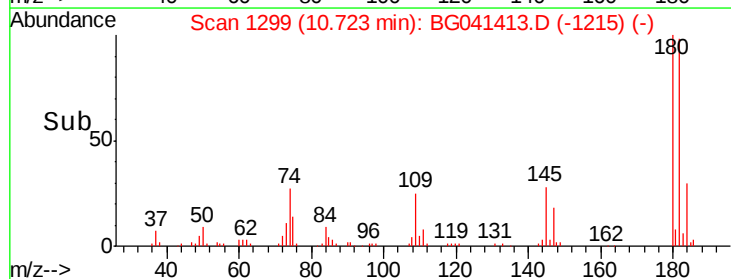
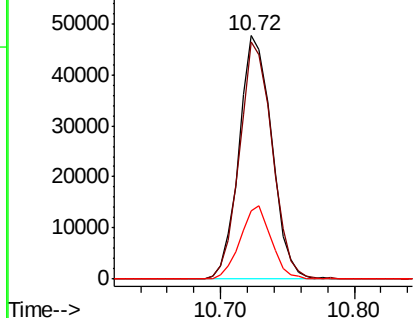


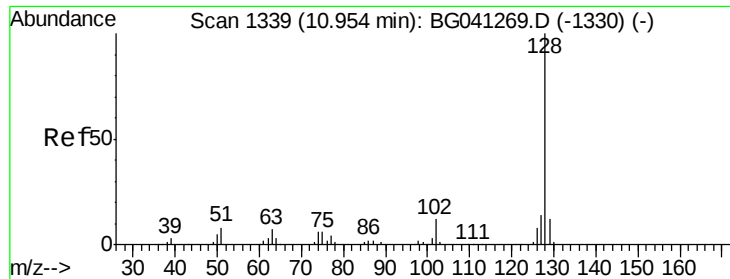
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.842 ng

RT: 10.92 min Scan# 1332

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

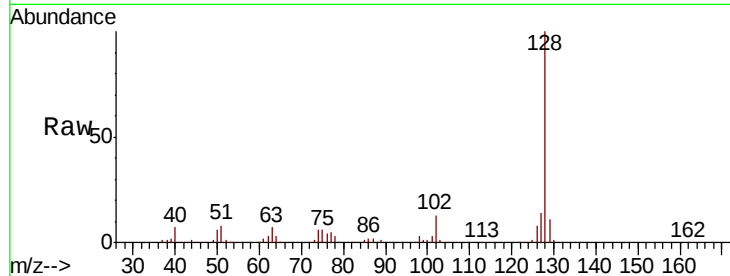
Tot Ion:128 Resp: 200155

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

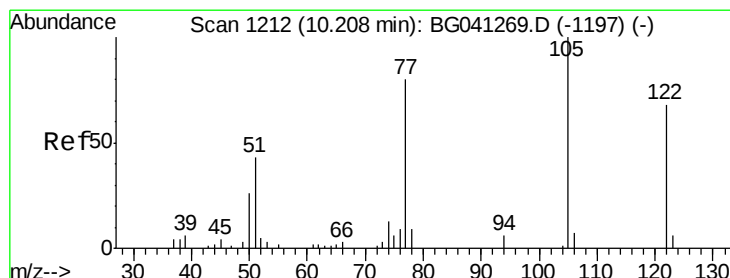
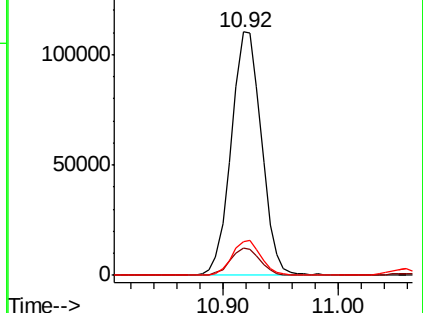
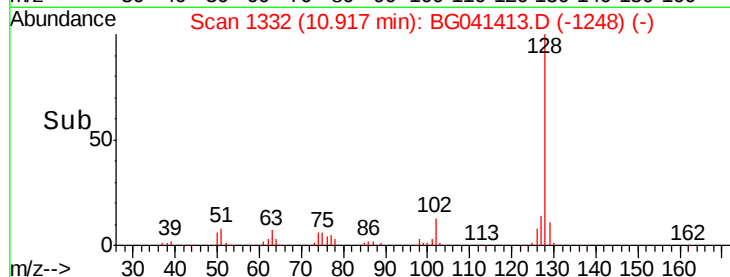
127 13.9 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

150000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.898 ng

RT: 10.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

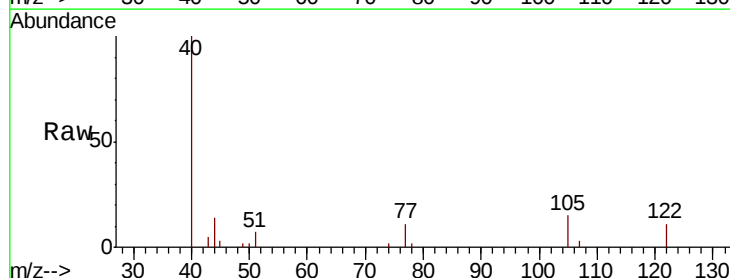
Tgt Ion:122 Resp: 2413

Ion Ratio Lower Upper

122 100

105 139.2 124.2 164.2

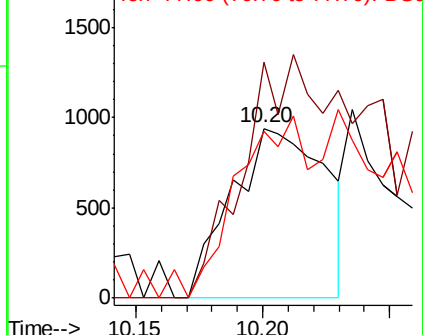
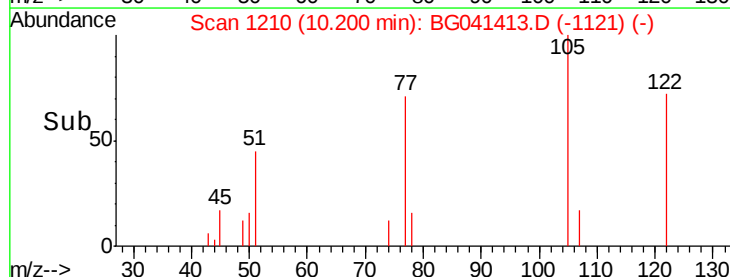
77 98.7 97.2 137.2

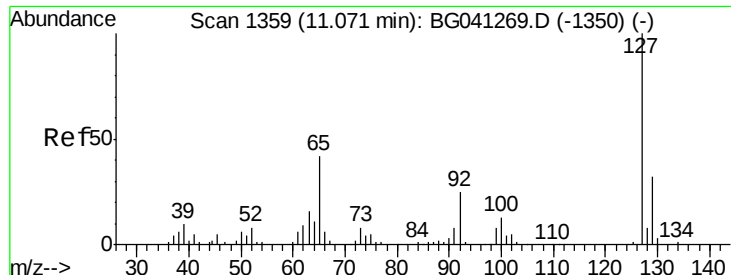


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

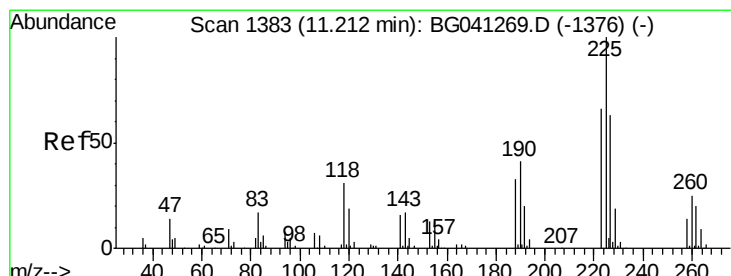
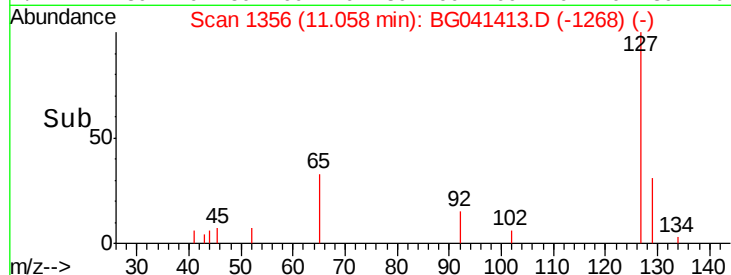
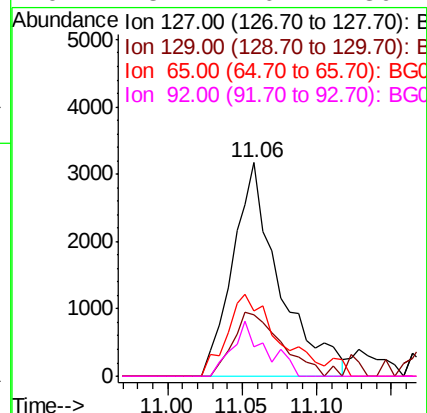
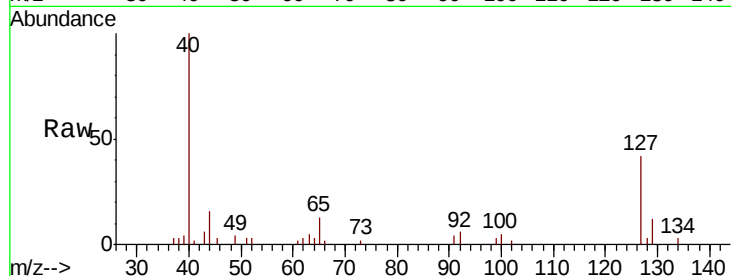




#33
4-Chloroaniline
Concen: 3.390 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

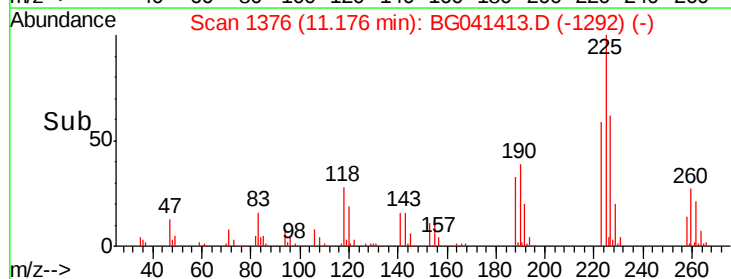
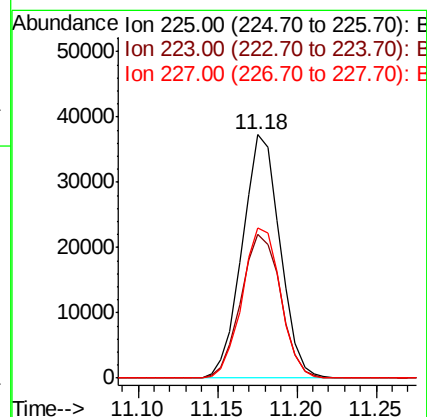
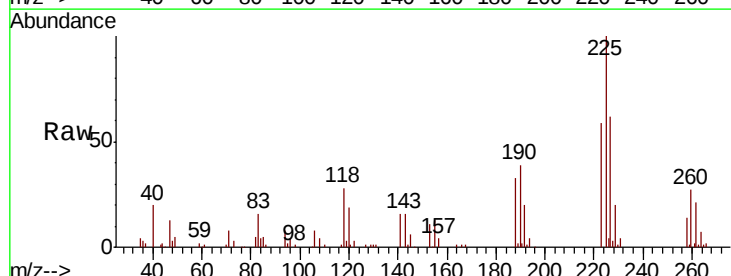
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

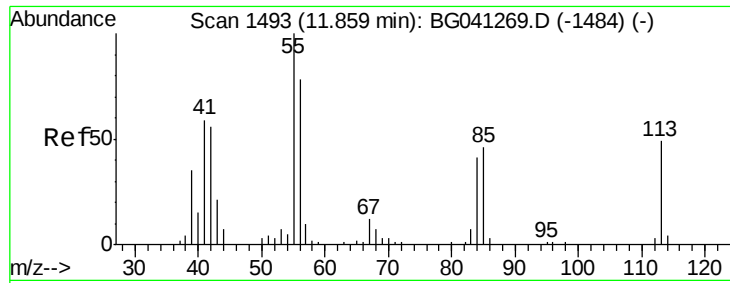
Tot Ion:127 Resp: 6886
Ion Ratio Lower Upper
127 100
129 28.9 25.8 38.8
65 30.7 33.8 50.8#
92 13.7 20.2 30.4#



#34
Hexachlorobutadiene
Concen: 38.218 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:225 Resp: 61620
Ion Ratio Lower Upper
225 100
223 59.0 52.5 78.7
227 61.6 50.2 75.2





#35

Caprolactam

Concen: 18.804 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

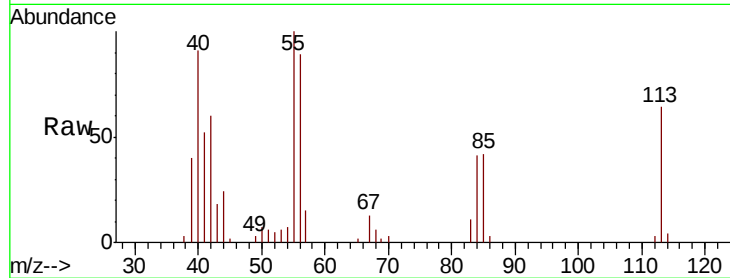
Tot Ion:113 Resp: 10267

Ion Ratio Lower Upper

113 100

55 156.0 182.6 222.6#

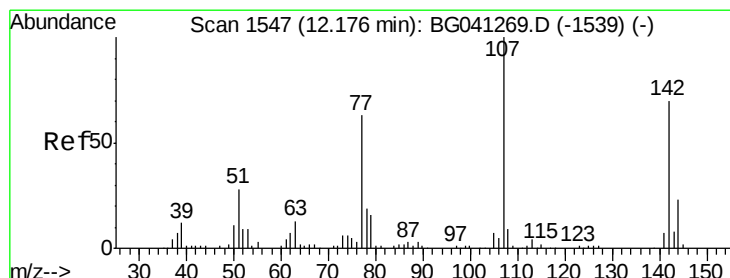
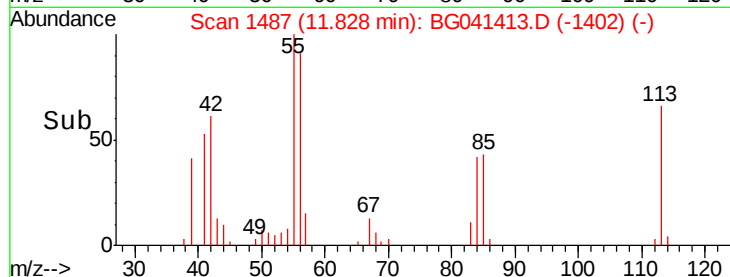
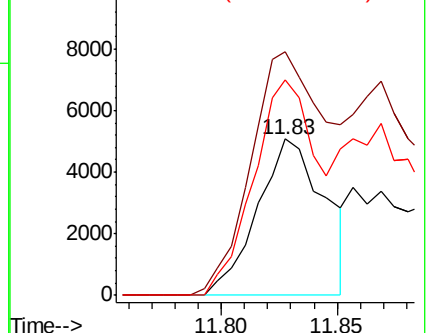
56 138.3 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041269.D (-1484) (-)

Ion 56.00 (55.70 to 56.70): BG041269.D (-1484) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.109 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

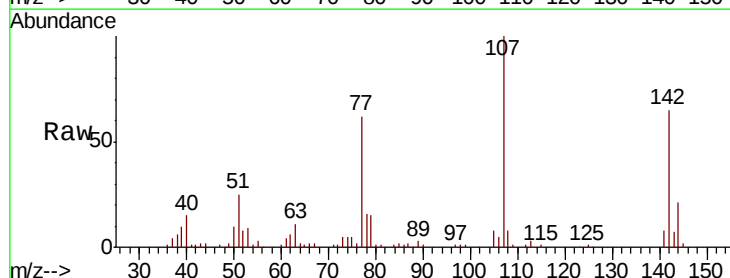
Tgt Ion:107 Resp: 82636

Ion Ratio Lower Upper

107 100

144 20.6 18.5 27.7

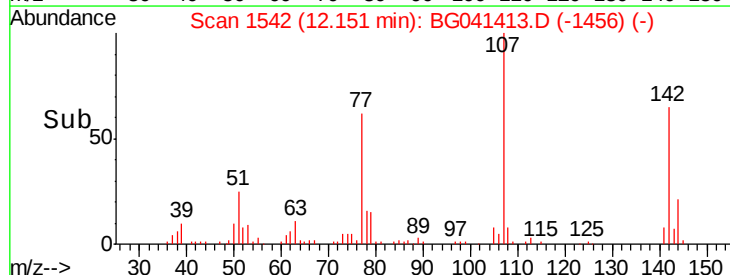
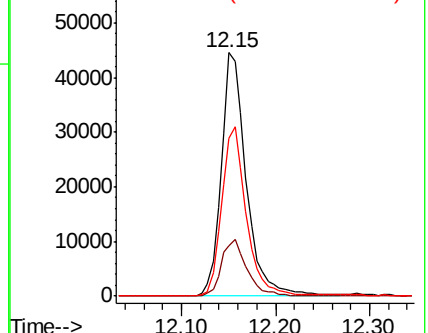
142 64.9 56.3 84.5

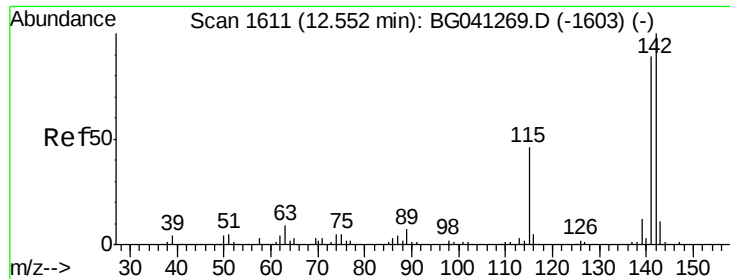


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

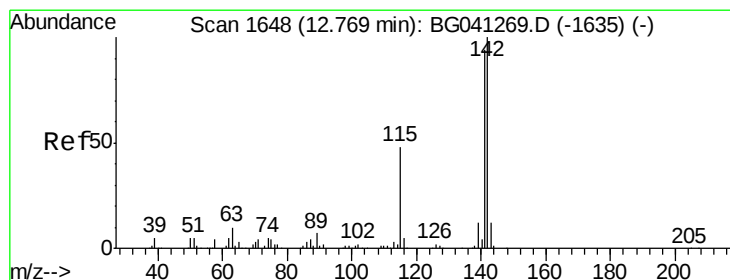
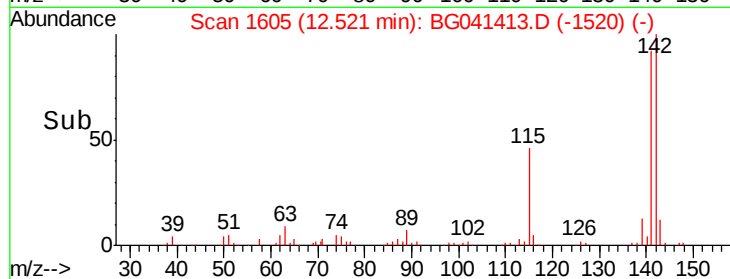
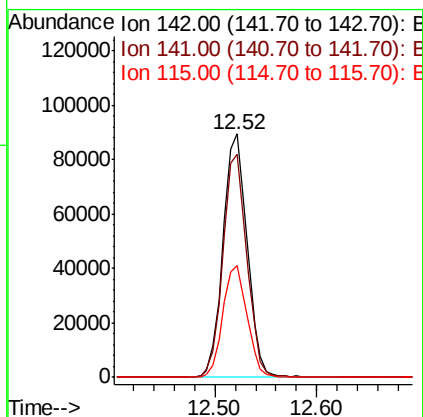
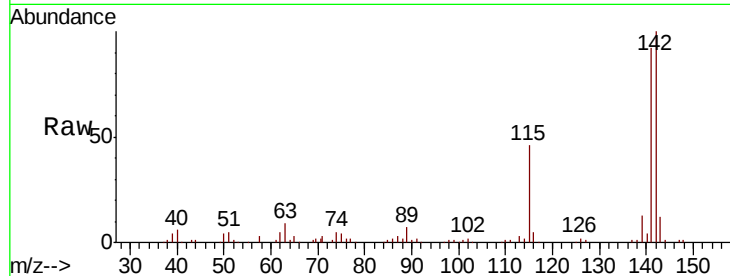




#37
2-Methylnaphthalene
Concen: 42.168 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

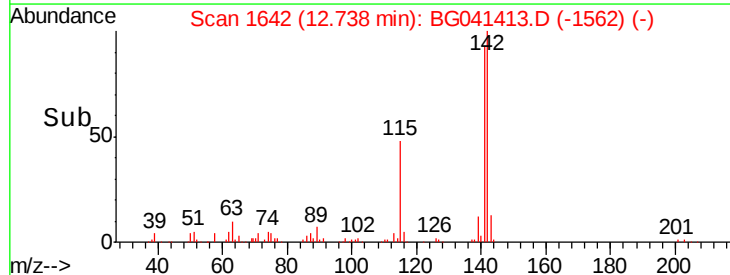
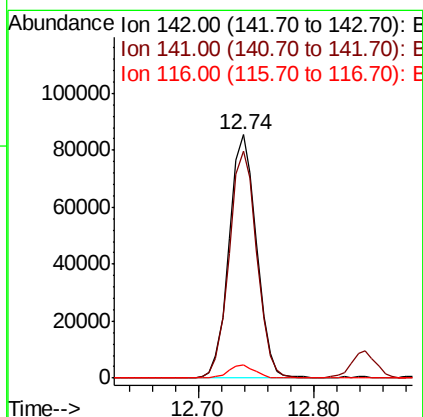
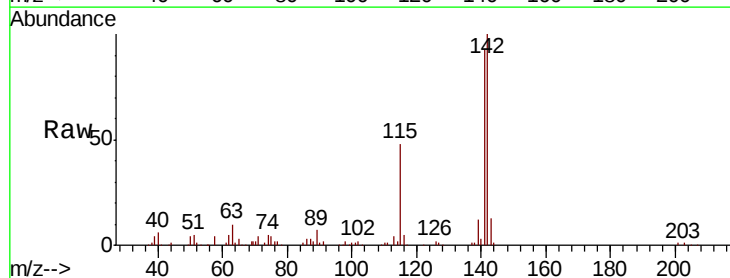
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

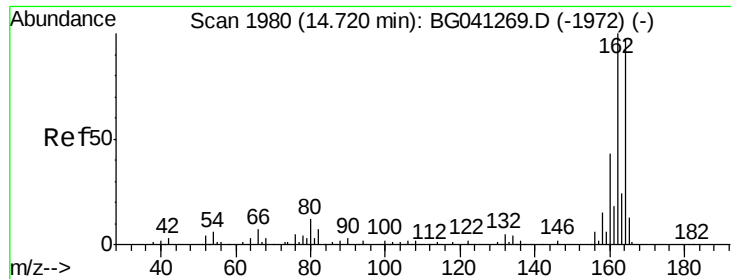
Tot Ion:142 Resp: 148566
Ion Ratio Lower Upper
142 100
141 91.9 71.5 107.3
115 45.7 37.0 55.6



#38
1-Methylnaphthalene
Concen: 41.823 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:142 Resp: 140979
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.6
116 5.5 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

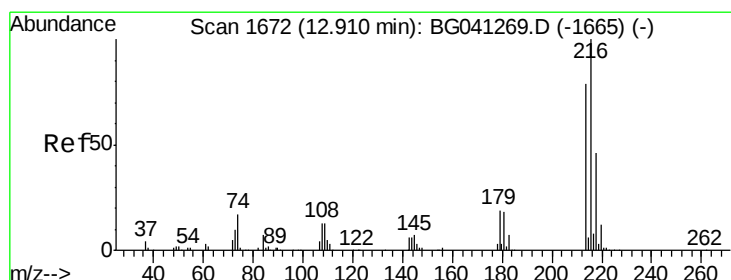
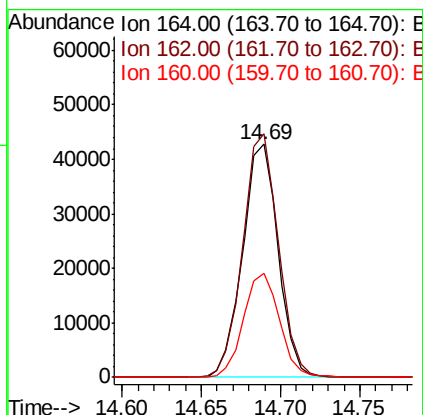
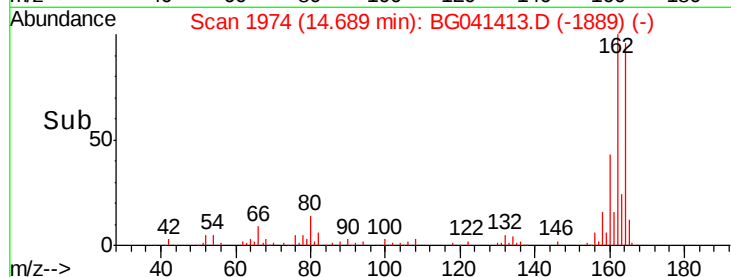
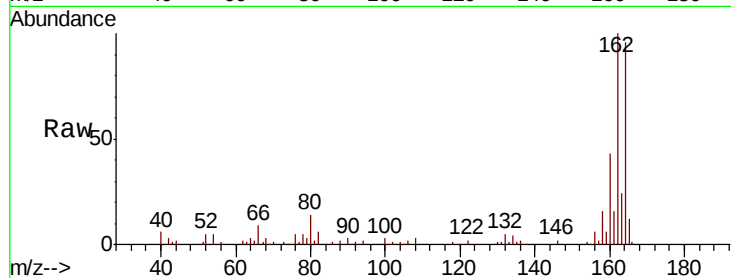
BNA_G

ClientSampleId :

OK-03-062019MS

Tot Ion:164 Resp: 66743

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.8	124.2
160	44.4	35.8	53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.777 ng

RT: 12.88 min Scan# 1666

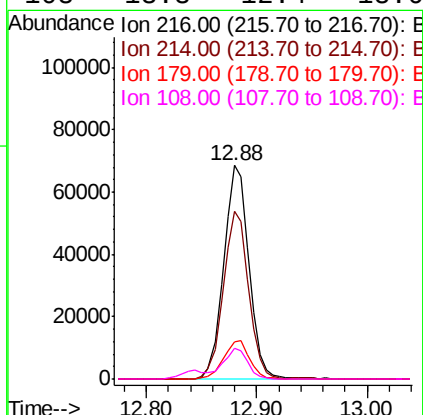
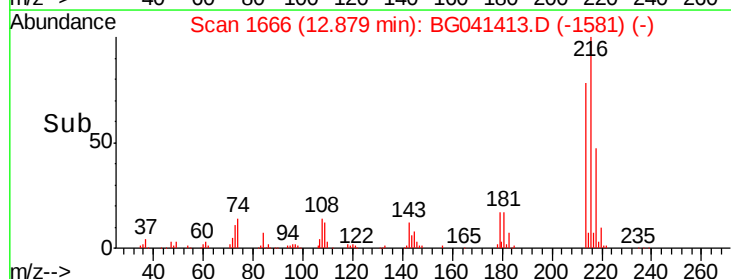
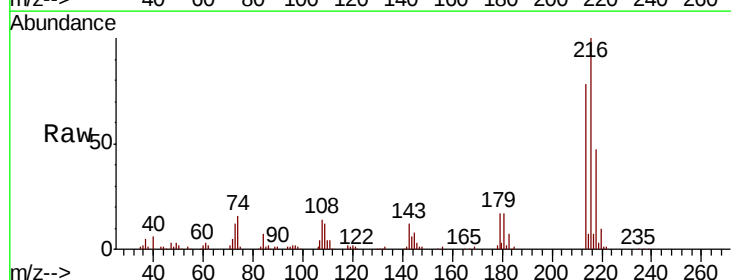
Delta R.T. -0.03 min

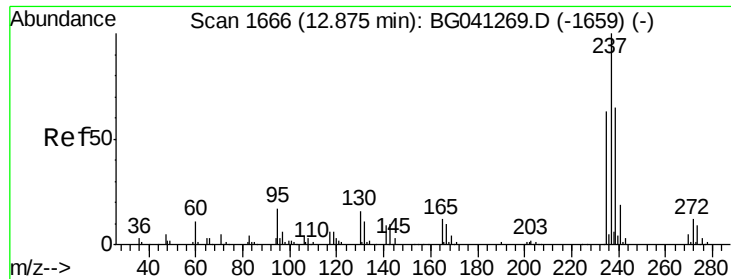
Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Tgt Ion:216 Resp: 109626

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	18.3	15.2	22.8
108	13.3	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 77.573 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

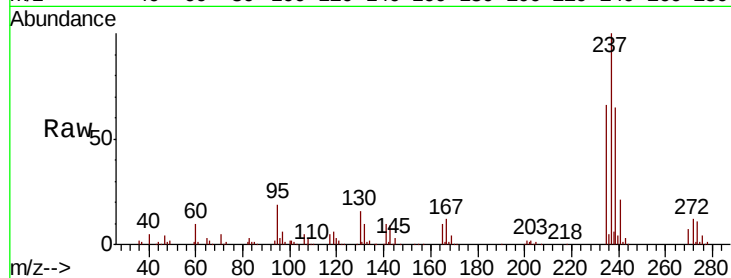
Tot Ion:237 Resp: 144008

Ion Ratio Lower Upper

237 100

235 66.2 42.9 82.9

272 12.2 0.0 32.0

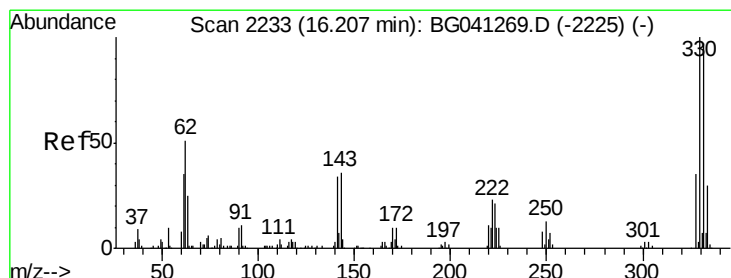
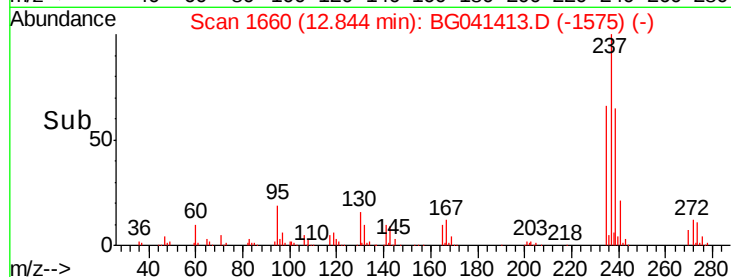
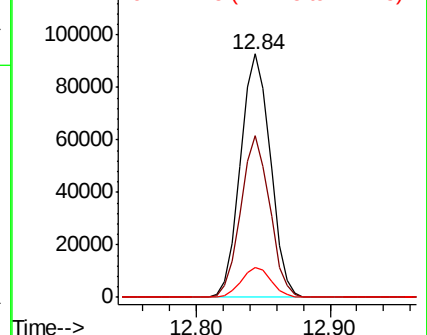


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.379 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

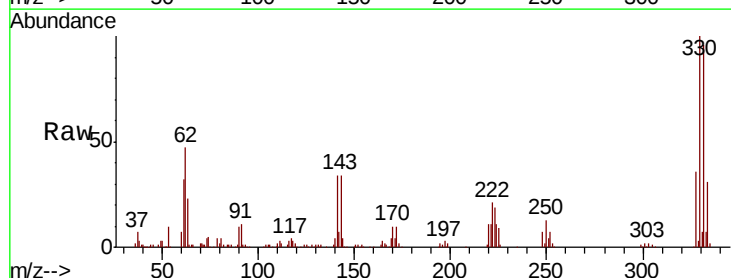
Tgt Ion:330 Resp: 148963

Ion Ratio Lower Upper

330 100

332 96.1 75.5 113.3

141 36.4 29.0 43.4

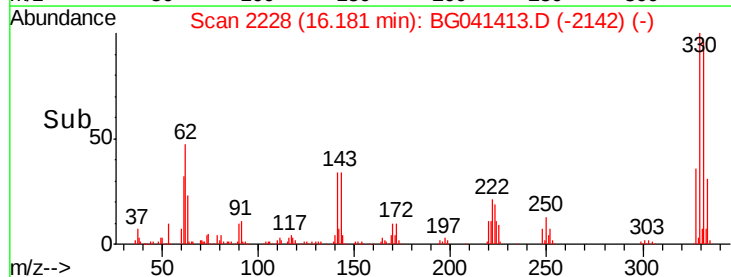
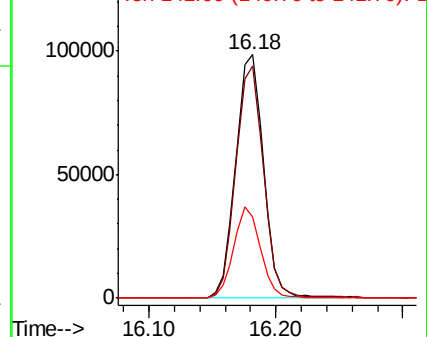


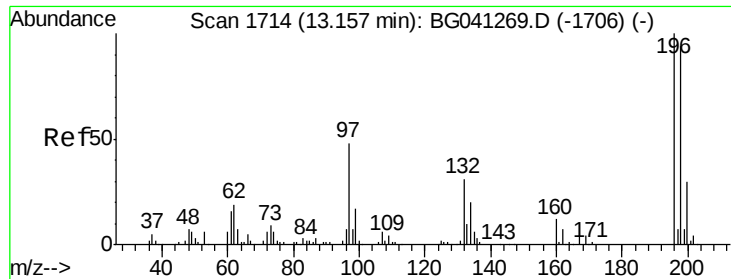
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

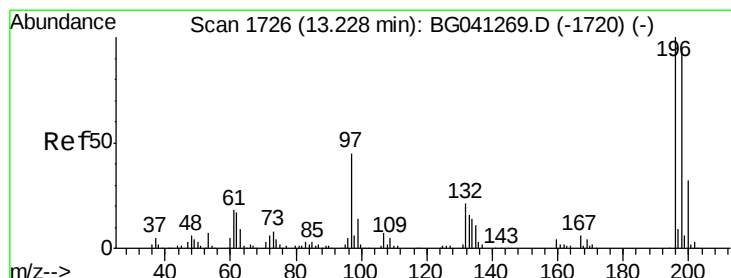
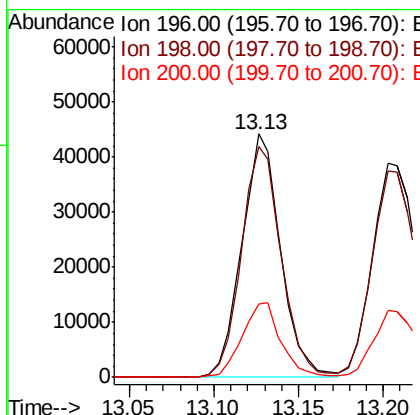
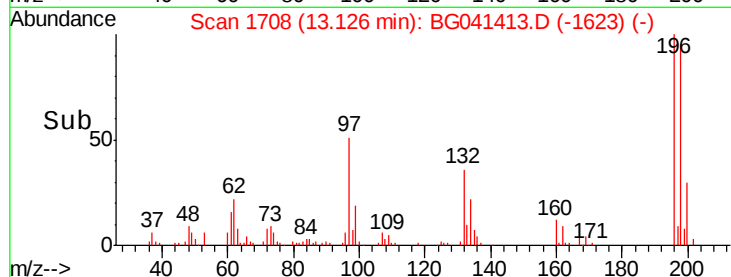
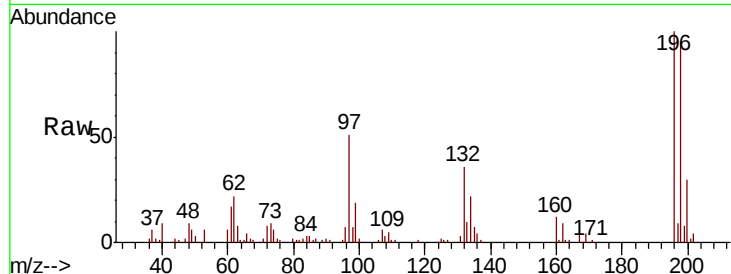




#43
 2,4,6-Trichlorophenol
 Concen: 41.452 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

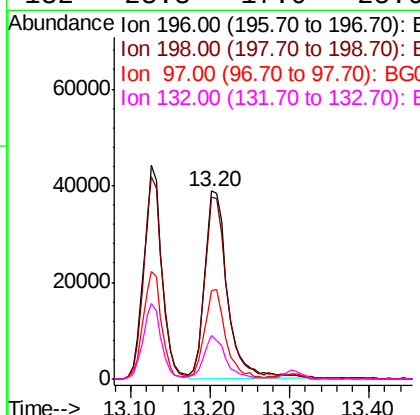
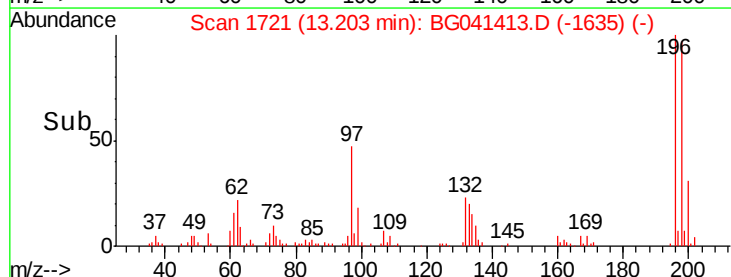
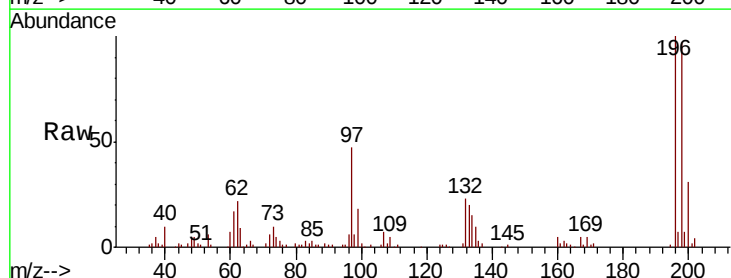
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

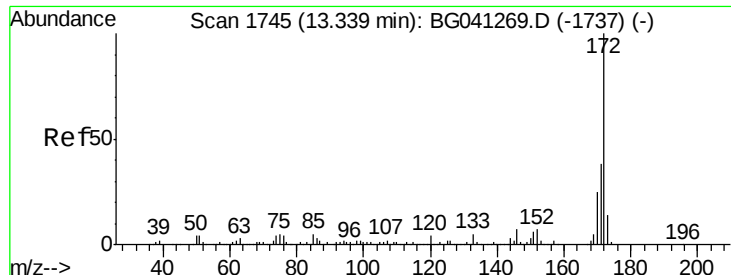
Tot Ion:196 Resp: 70671
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.9 112.3
 200 30.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.518 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Tgt Ion:196 Resp: 78096
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.1 114.1
 97 47.2 35.9 53.9
 132 23.3 17.0 25.6

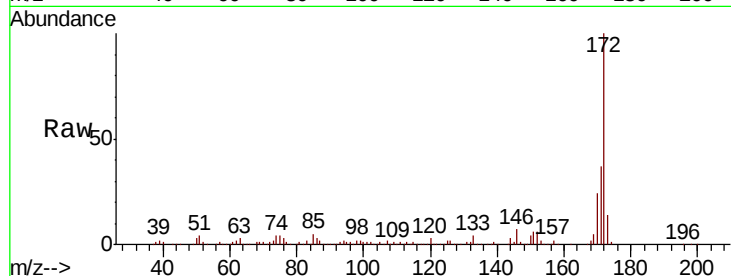




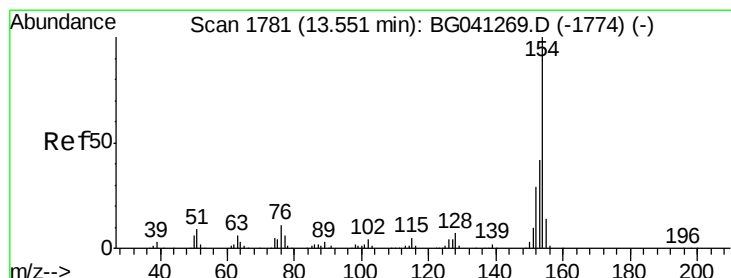
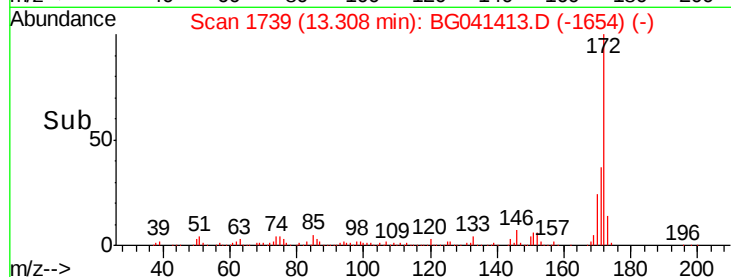
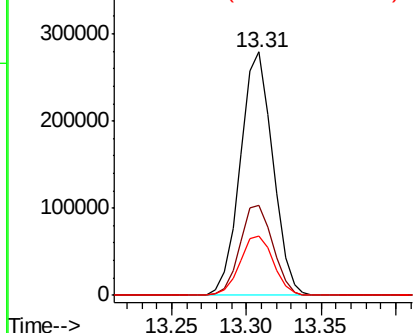
#45
2-Fluorobiphenyl
Concen: 85.700 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:172 Resp: 420838
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 24.3 19.8 29.6

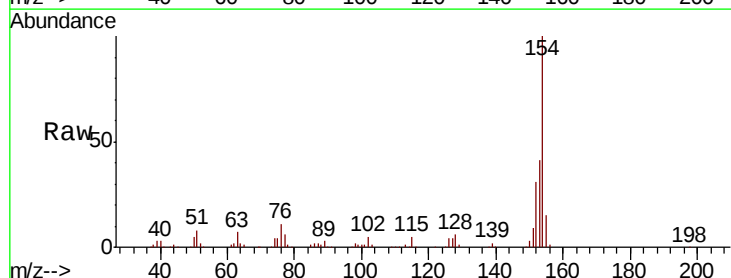


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

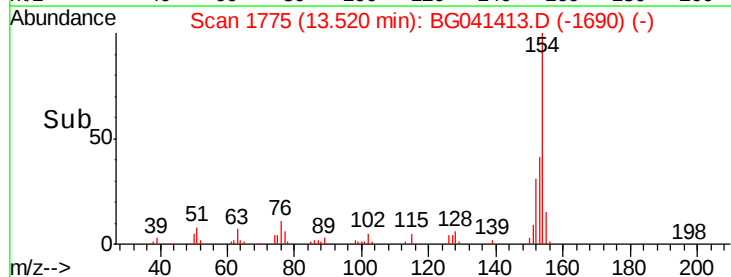
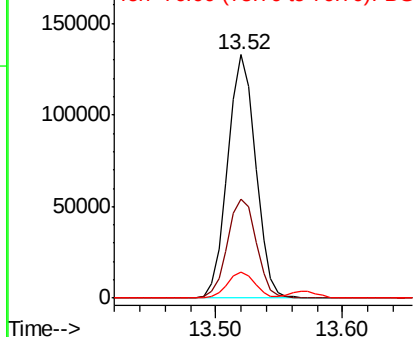


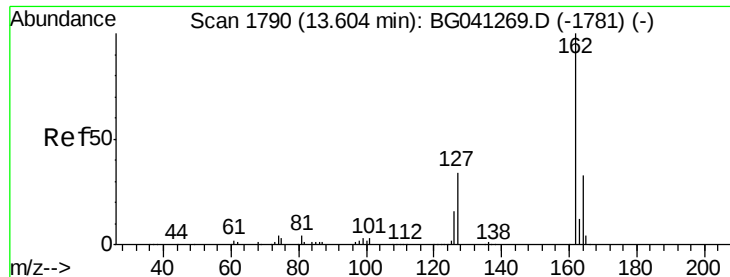
#46
1,1'-Biphenyl
Concen: 40.140 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:154 Resp: 202535
Ion Ratio Lower Upper
154 100
153 40.6 22.3 62.3
76 10.7 0.0 30.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

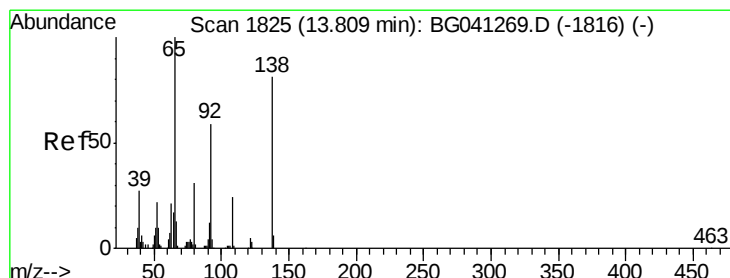
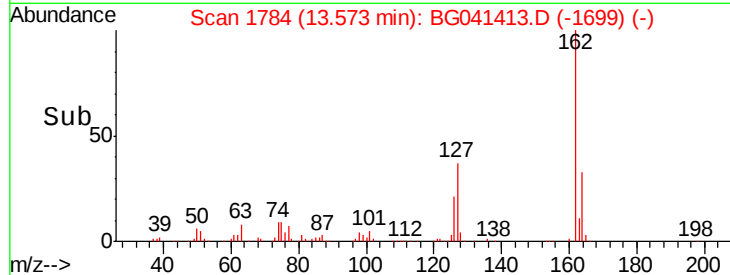
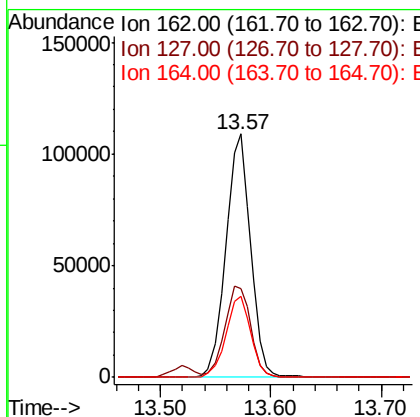
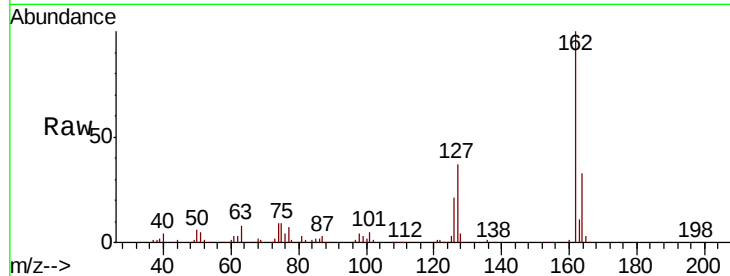




#47
 2-Chloronaphthalene
 Concen: 39.253 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

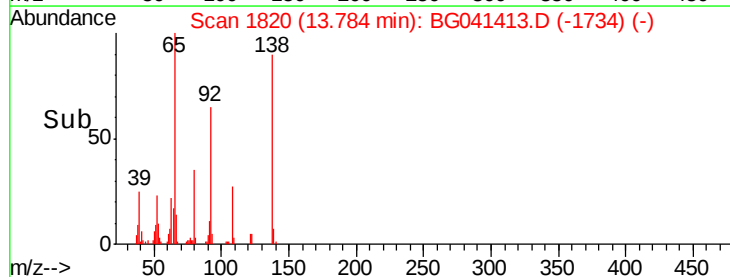
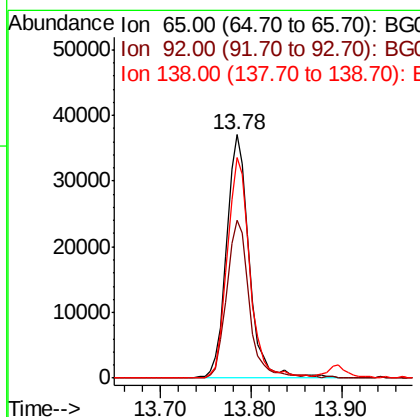
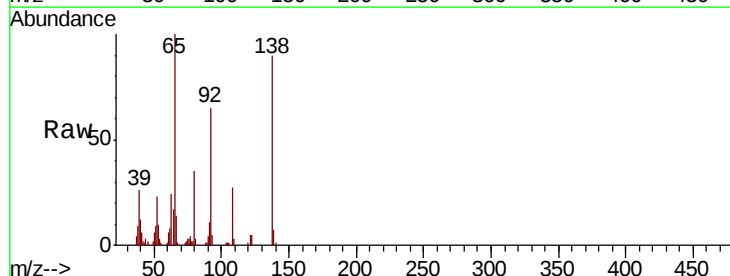
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

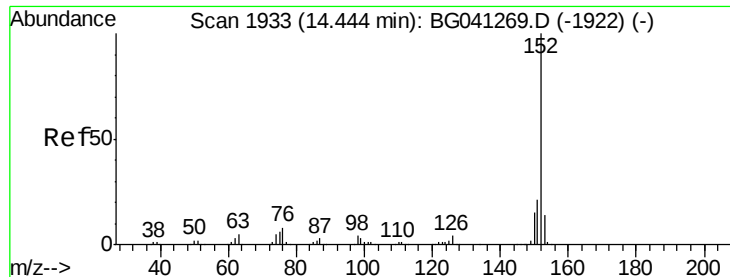
Tot Ion:	162	Resp:	170518
Ion	Ratio	Lower	Upper
162	100		
127	36.6	31.0	46.4
164	33.5	26.1	39.1



#48
 2-Nitroaniline
 Concen: 40.544 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Tgt Ion:	65	Resp:	64505
Ion	Ratio	Lower	Upper
65	100		
92	64.8	47.4	71.2
138	90.5	64.7	97.1





#49

Acenaphthylene

Concen: 41.553 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

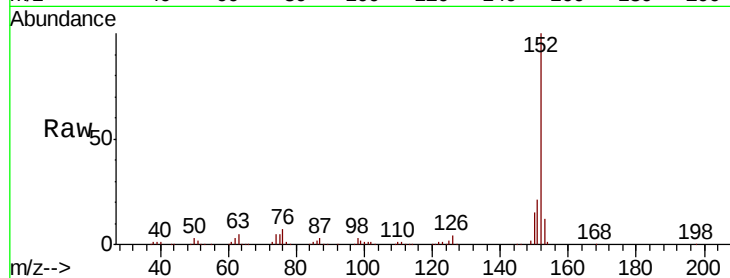
Tot Ion:152 Resp: 273914

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

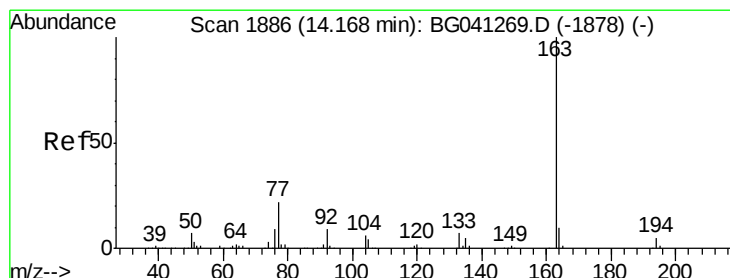
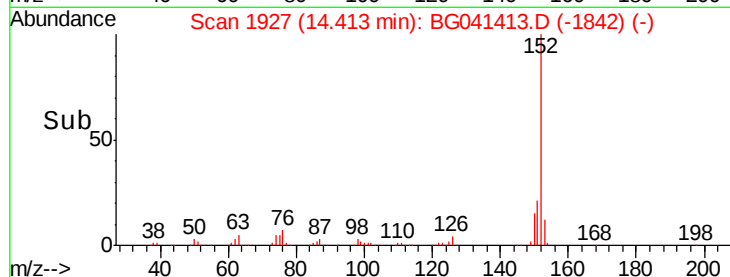
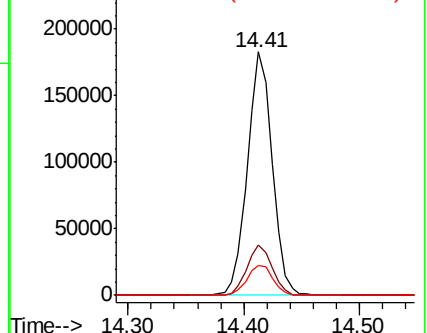
153 12.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.492 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

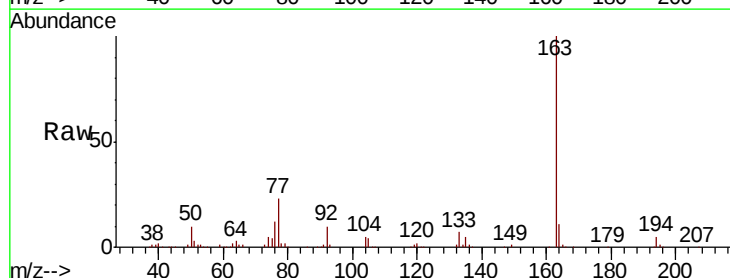
Tgt Ion:163 Resp: 246400

Ion Ratio Lower Upper

163 100

194 5.2 3.9 5.9

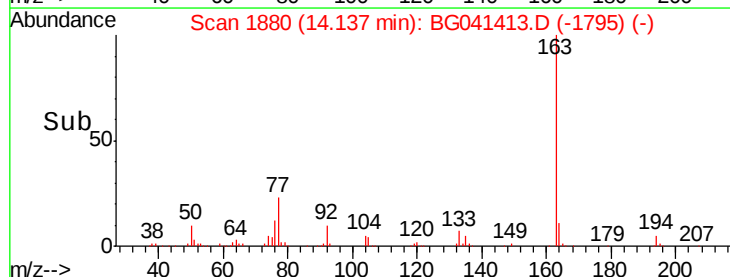
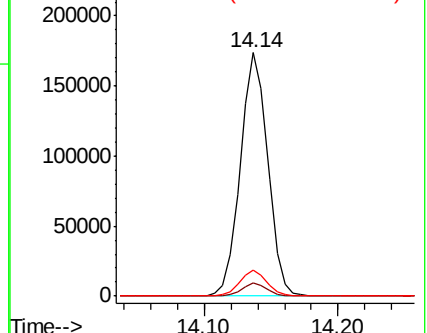
164 10.7 8.3 12.5

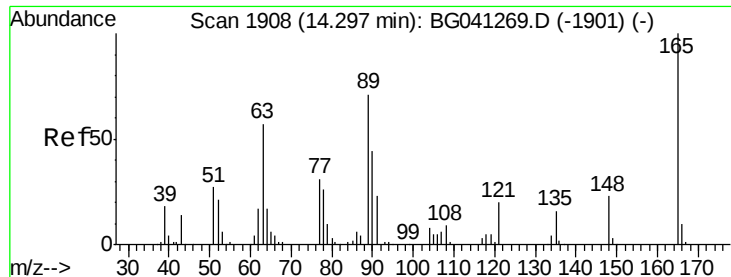


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

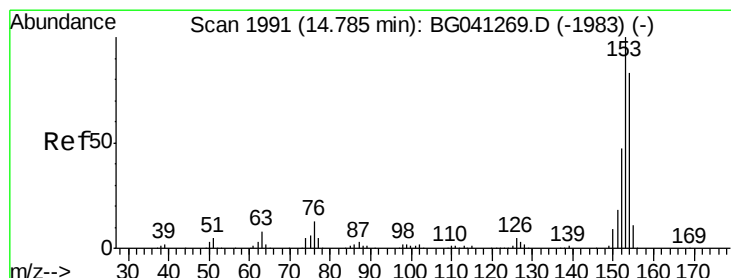
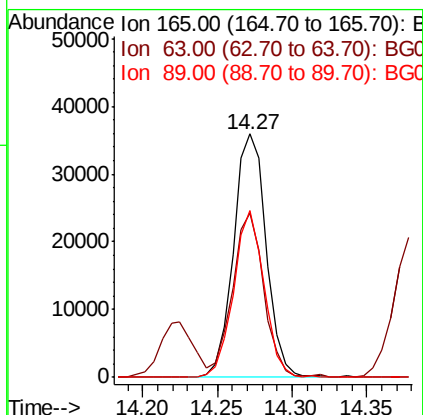
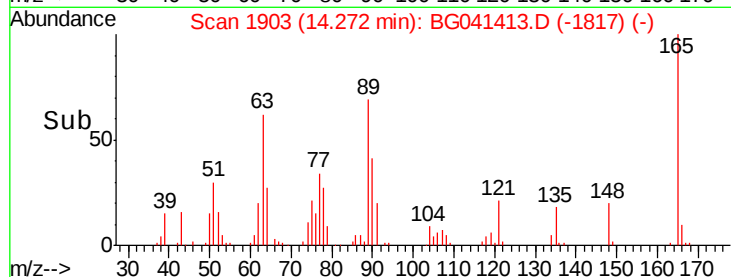
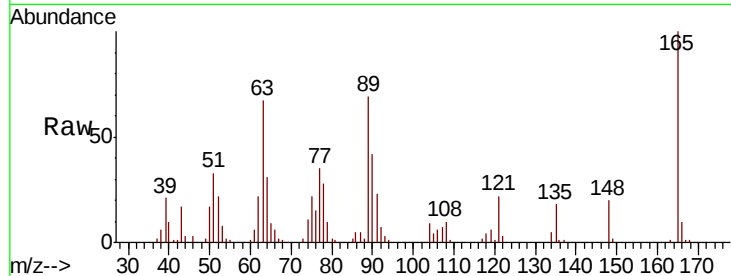




#51
2,6-Dinitrotoluene
Concen: 43.462 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

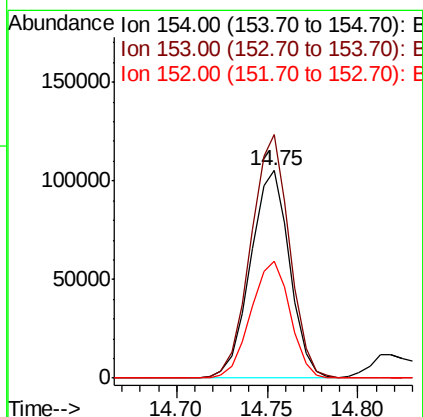
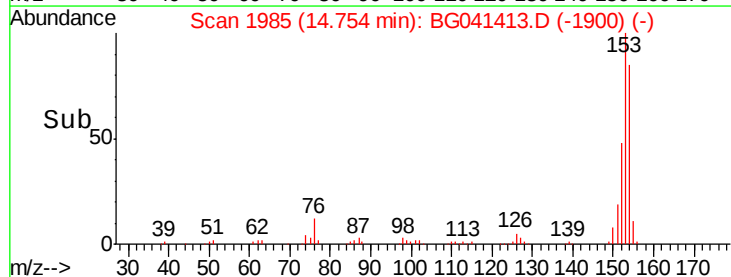
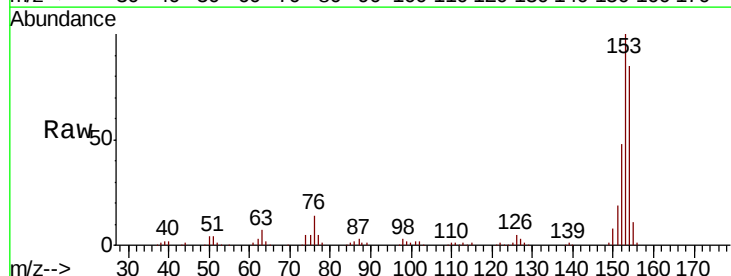
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

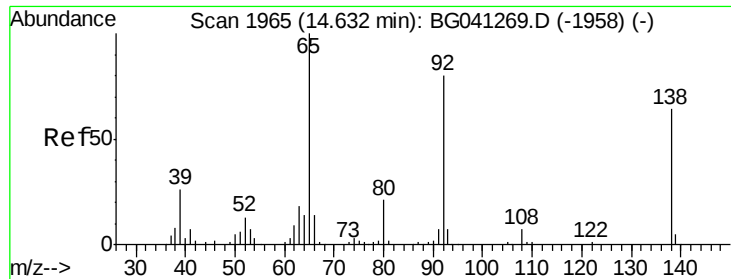
Tot Ion:165 Resp: 54422
Ion Ratio Lower Upper
165 100
63 67.4 55.4 83.0
89 68.7 56.5 84.7



#52
Acenaphthene
Concen: 41.100 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:154 Resp: 159094
Ion Ratio Lower Upper
154 100
153 117.3 96.6 145.0
152 56.5 45.5 68.3

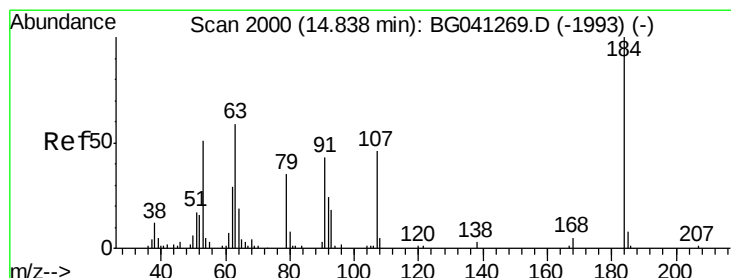
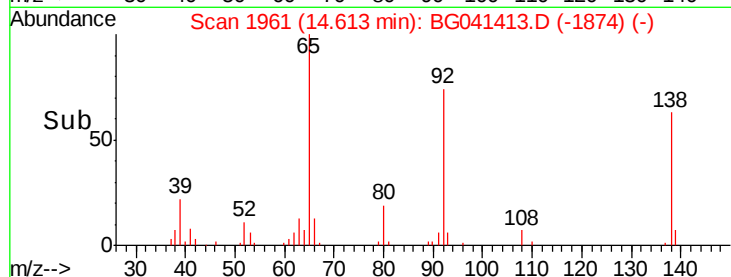
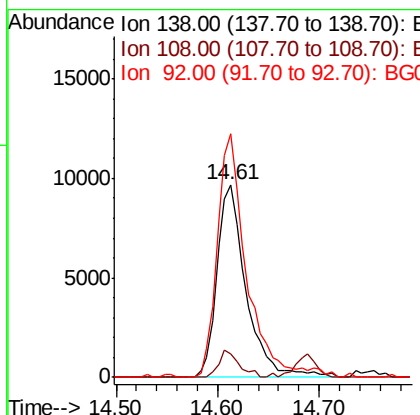
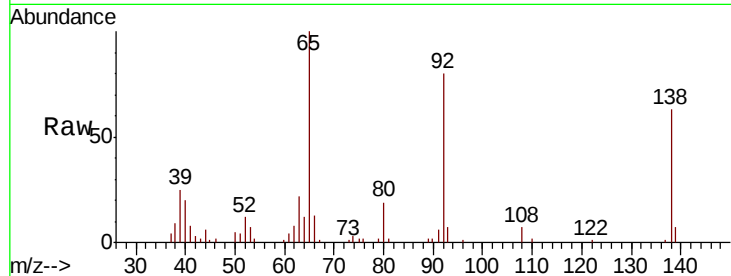




#53
3-Nitroaniline
Concen: 15.609 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

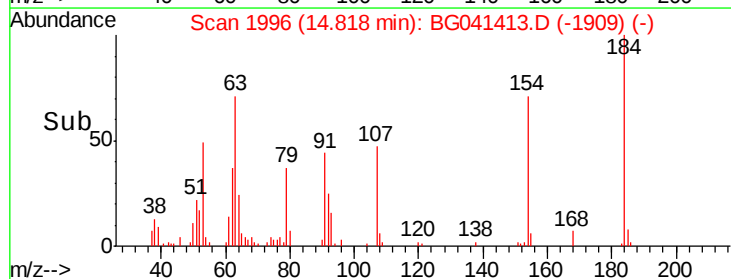
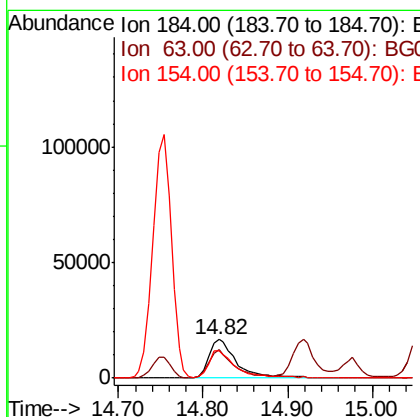
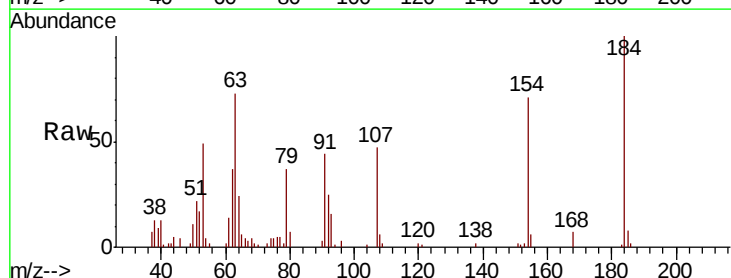
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

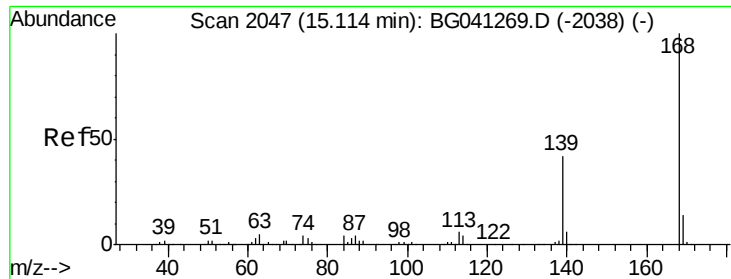
Tot Ion:138 Resp: 19257
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 126.3 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 45.261 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:184 Resp: 38734
Ion Ratio Lower Upper
184 100
63 72.8 60.0 90.0
154 71.2 58.3 87.5

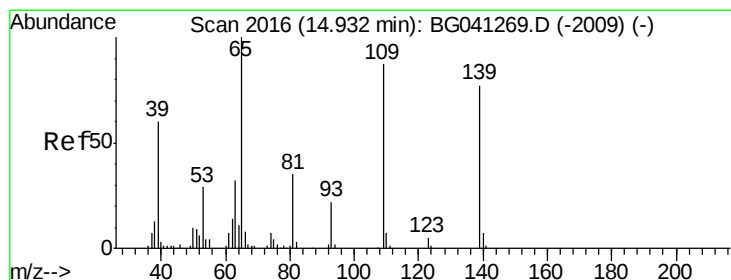
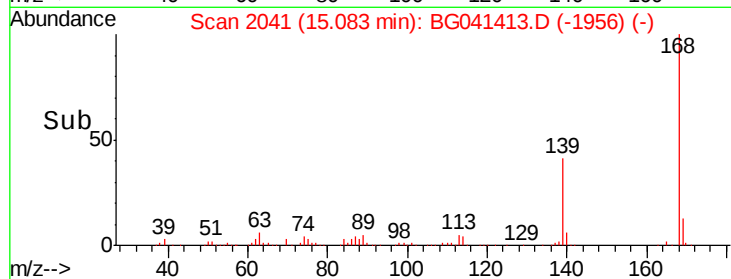
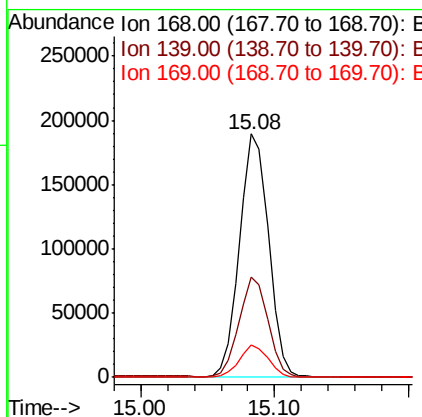
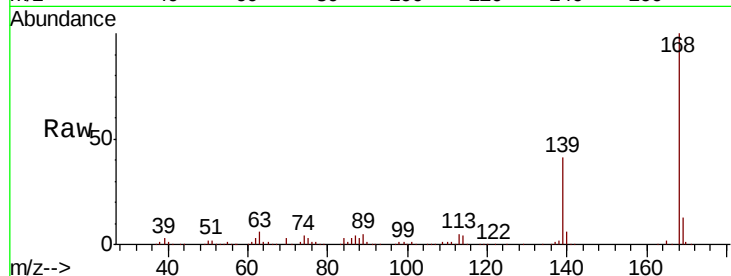




#55
Dibenzenofuran
Concen: 42.483 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

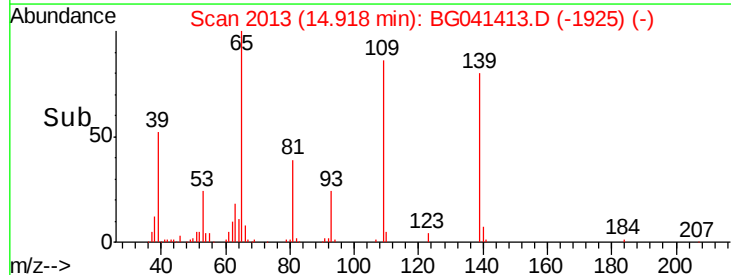
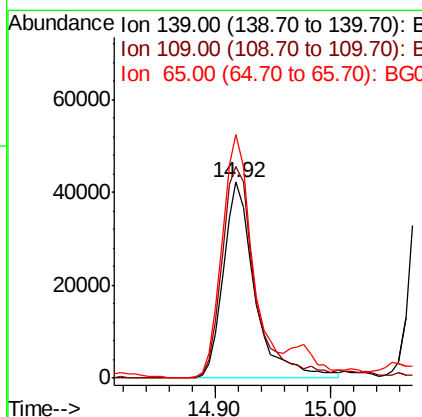
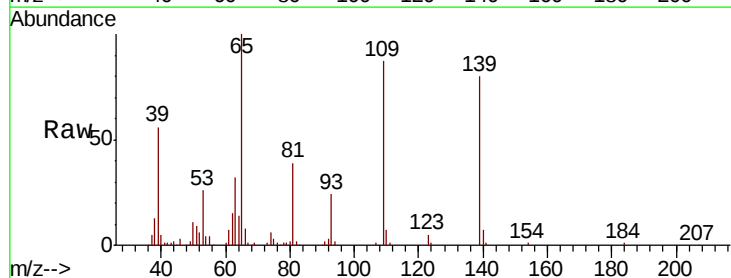
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

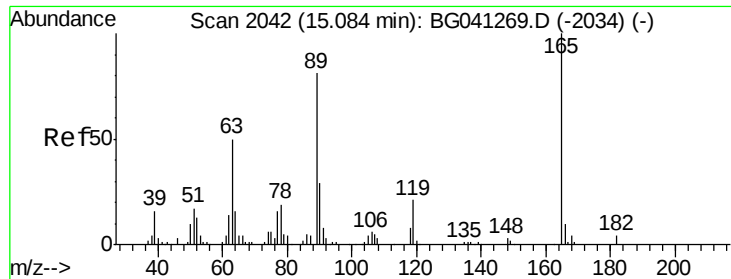
Tot Ion:168 Resp: 285918
Ion Ratio Lower Upper
168 100
139 41.2 33.6 50.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 85.354 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:139 Resp: 80204
Ion Ratio Lower Upper
139 100
109 107.8 93.2 133.2
65 124.3 110.2 150.2

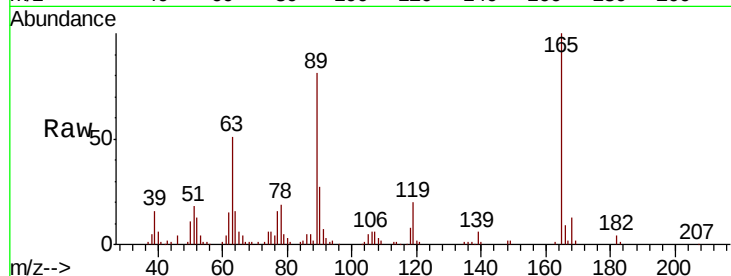




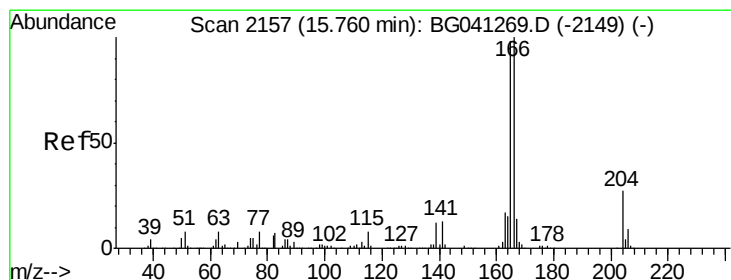
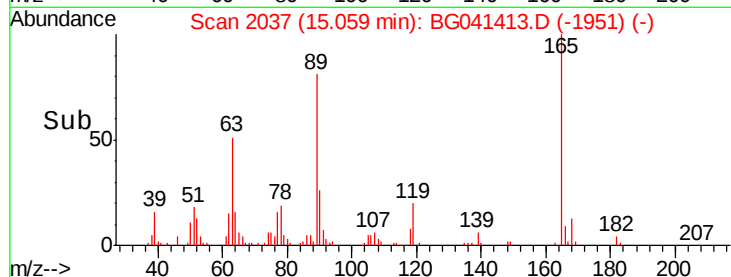
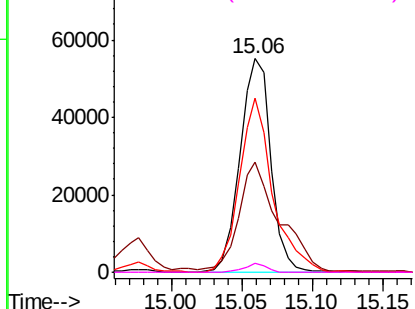
#57
2,4-Dinitrotoluene
Concen: 45.865 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:165	Resp:	83952
Ion	Ratio	Lower Upper
165	100	
63	51.5	40.0 60.0
89	81.3	64.6 96.8
182	4.0	2.9 4.3

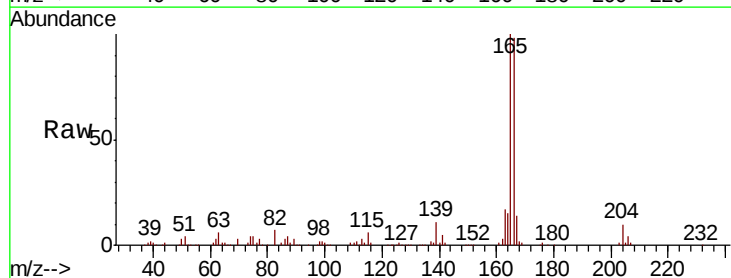


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

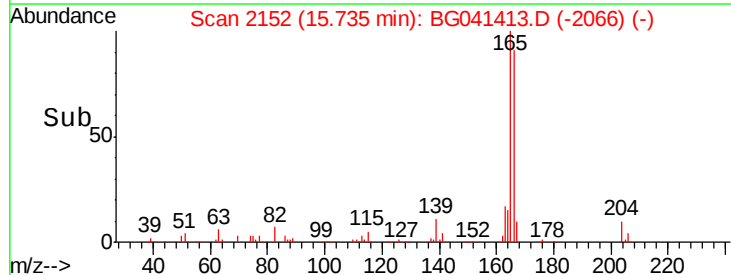
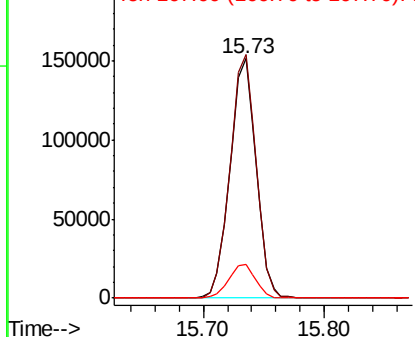


#58
Fluorene
Concen: 43.133 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:166	Resp:	228359
Ion	Ratio	Lower Upper
166	100	
165	101.7	78.8 118.2
167	14.1	11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

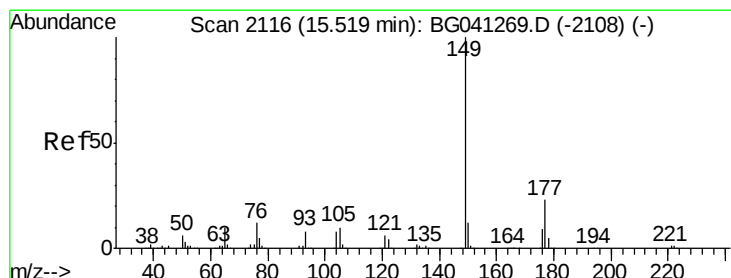
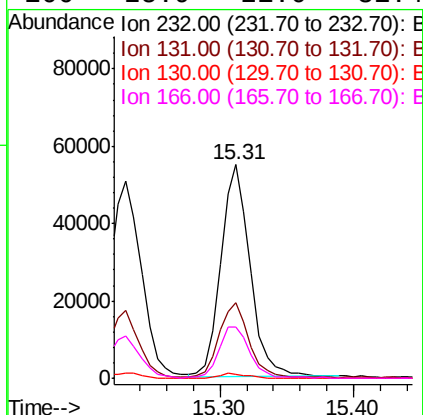
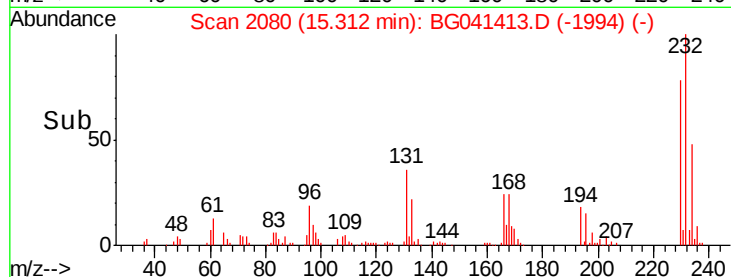
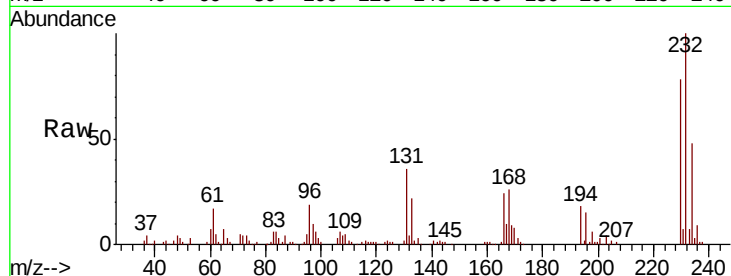




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.665 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

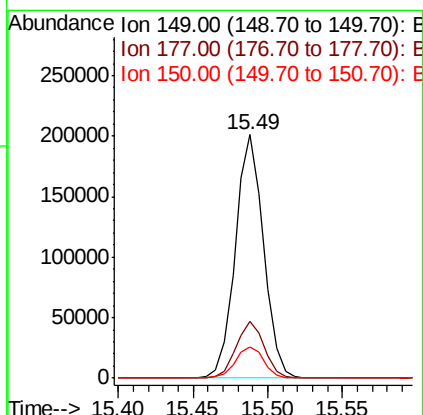
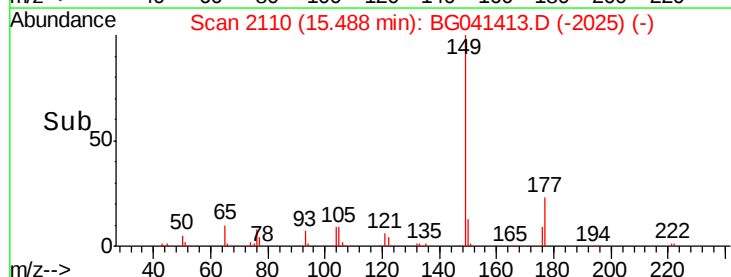
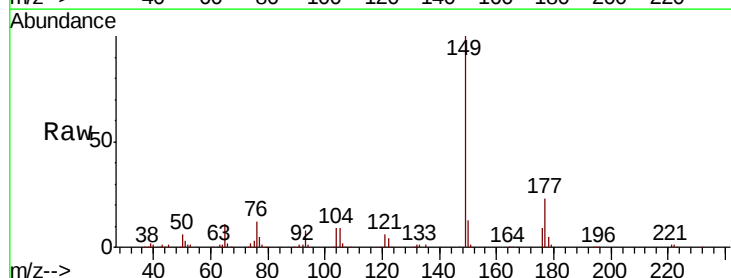
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

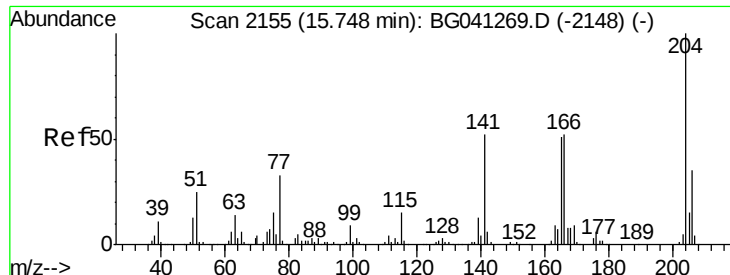
Tot Ion:232 Resp: 84654
Ion Ratio Lower Upper
232 100
131 36.6 29.0 43.6
130 2.2 1.6 2.4
166 25.9 21.0 31.4



#60
Diethylphthalate
Concen: 43.750 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:149 Resp: 264077
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.6 9.9 14.9

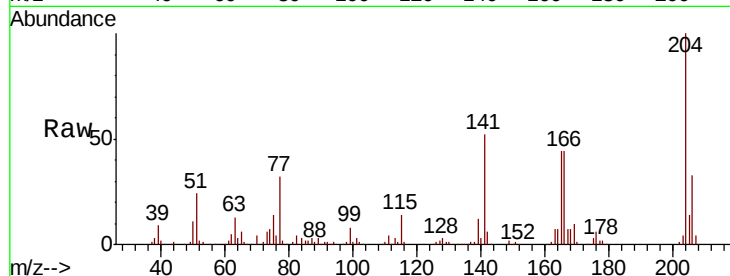




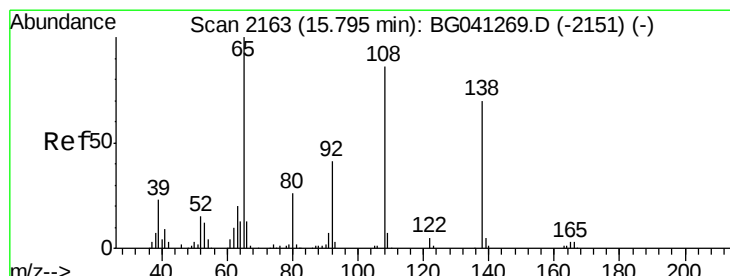
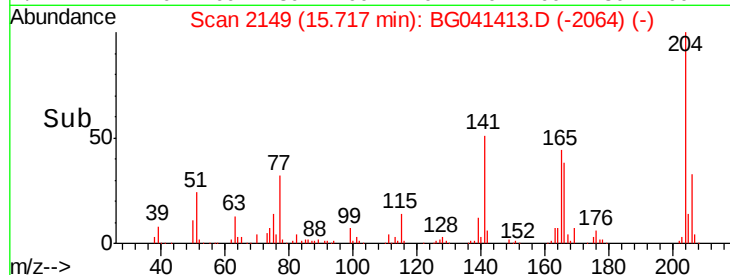
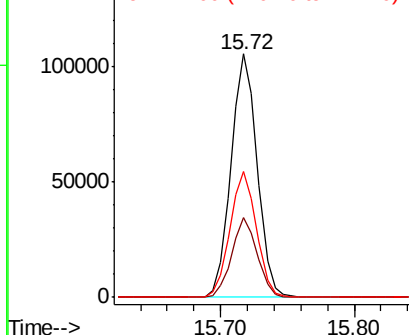
#61
4-Chlorophenyl-phenylether
Concen: 41.914 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:204 Resp: 144378
Ion Ratio Lower Upper
204 100
206 32.9 27.9 41.9
141 51.7 41.4 62.0

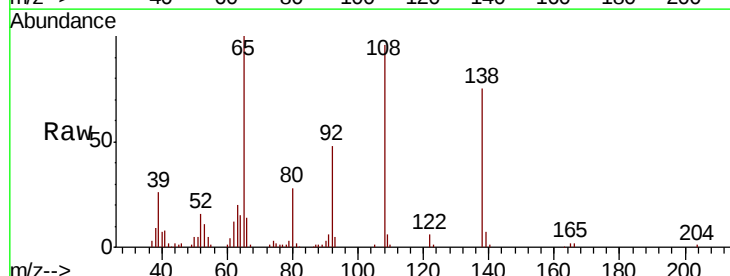


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

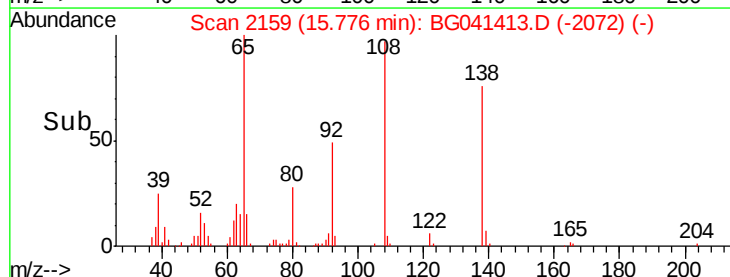
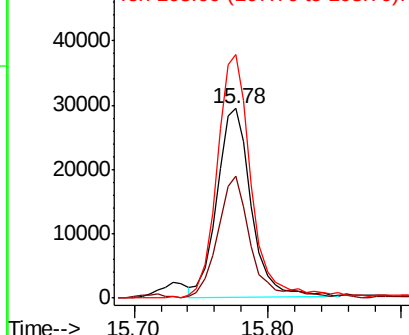


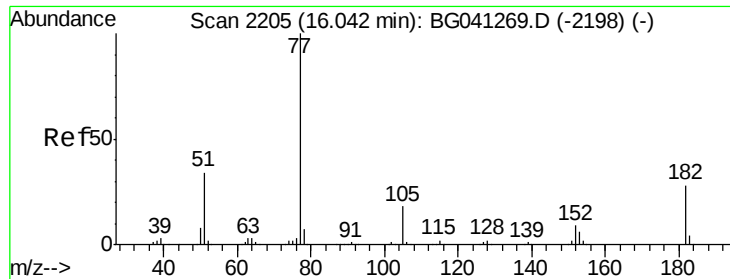
#62
4-Nitroaniline
Concen: 39.681 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:138 Resp: 52357
Ion Ratio Lower Upper
138 100
92 64.2 38.8 78.8
108 128.6 103.4 143.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.418 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

Tot Ion: 77 Resp: 228415

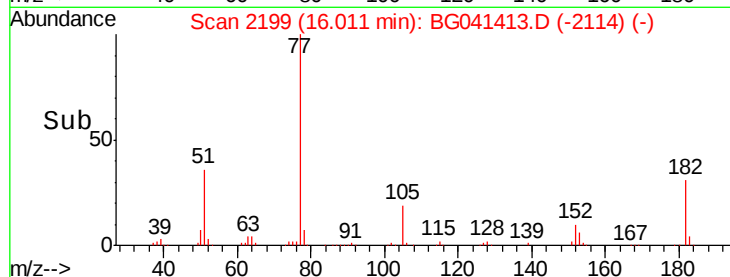
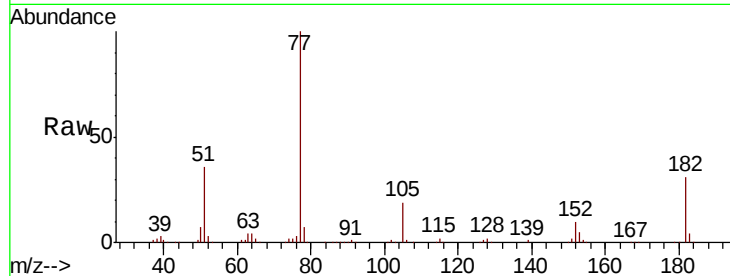
Ion Ratio Lower Upper

77 100

182 30.7 7.5 47.5

105 19.2 0.0 37.7

51 36.3 14.6 54.6

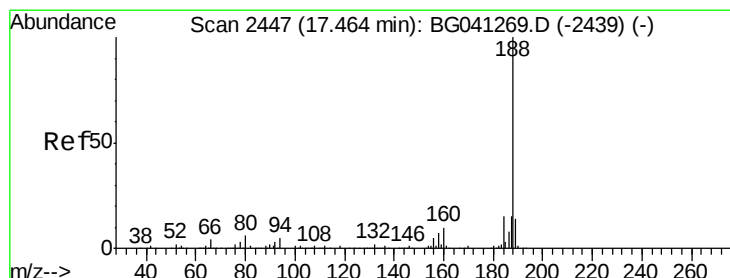
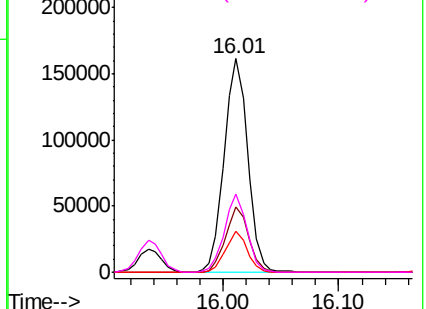


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

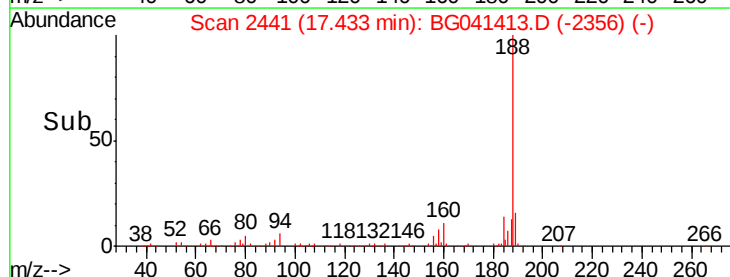
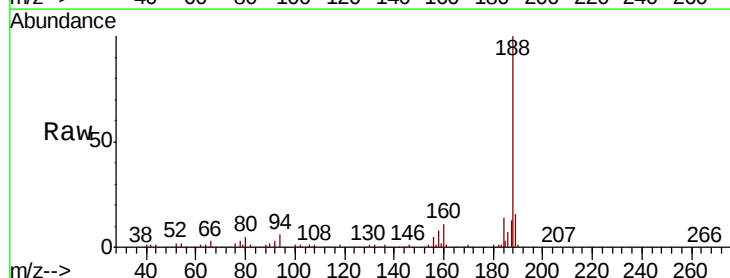
Tgt Ion: 188 Resp: 196004

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

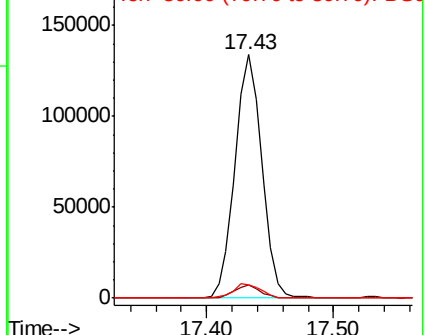
80 5.4 4.8 7.2

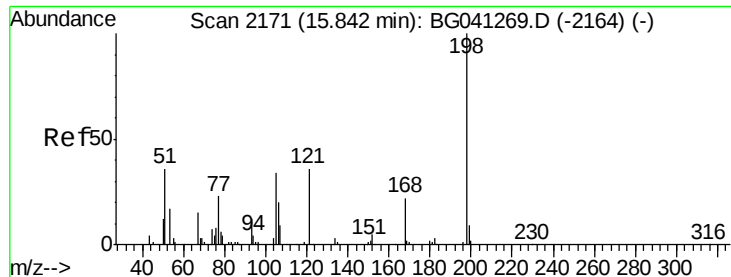


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

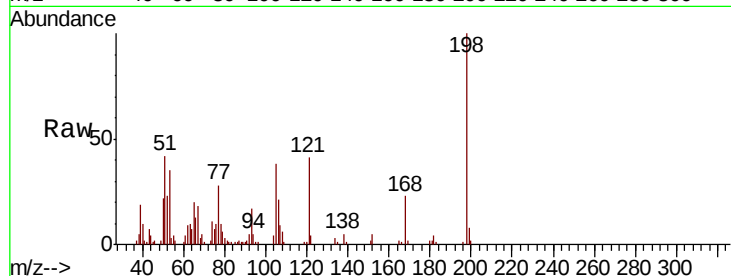




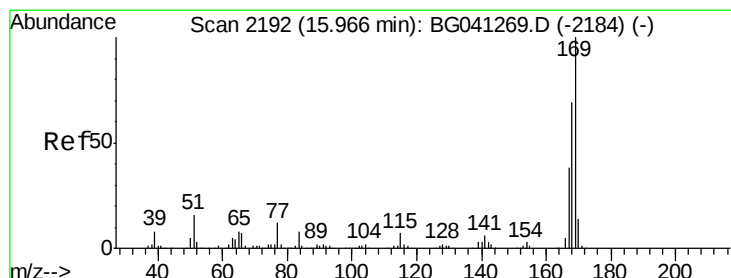
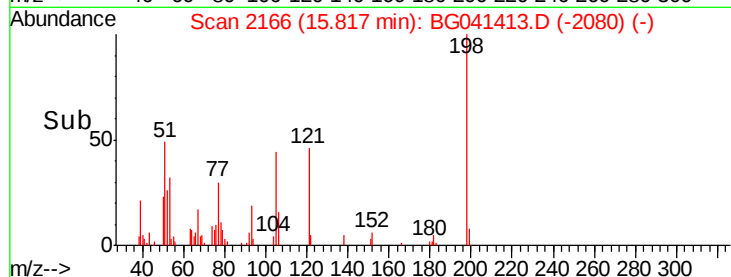
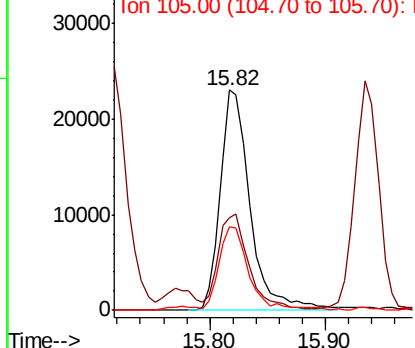
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.556 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

Tot Ion:198 Resp: 41418
 Ion Ratio Lower Upper
 198 100
 51 42.2 23.4 63.4
 105 38.0 15.8 55.8

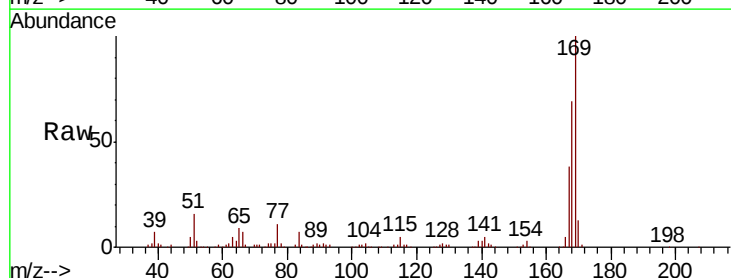


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

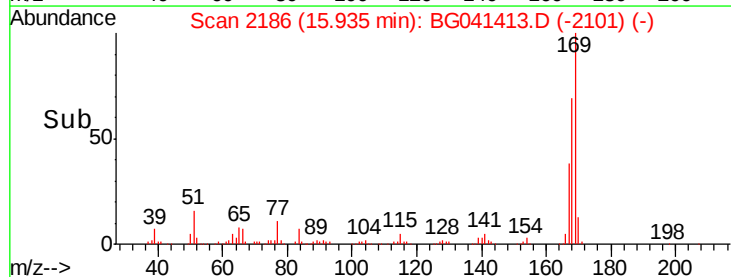
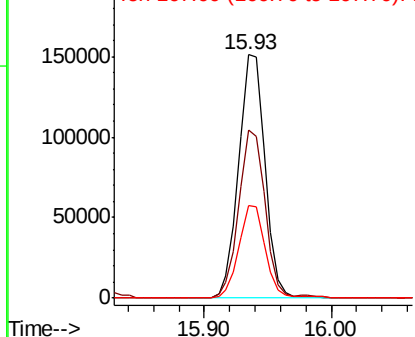


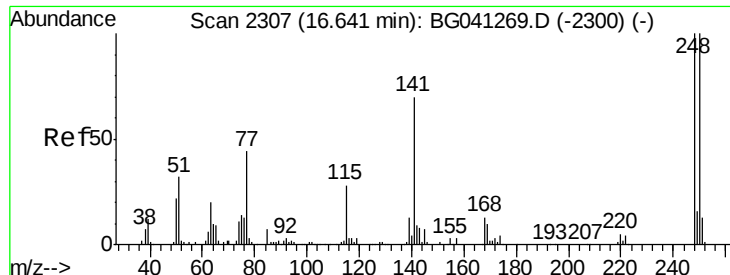
#66
 n-Nitrosodiphenylamine
 Concen: 41.807 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Tgt Ion:169 Resp: 217579
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.2 82.8
 167 38.0 30.4 45.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

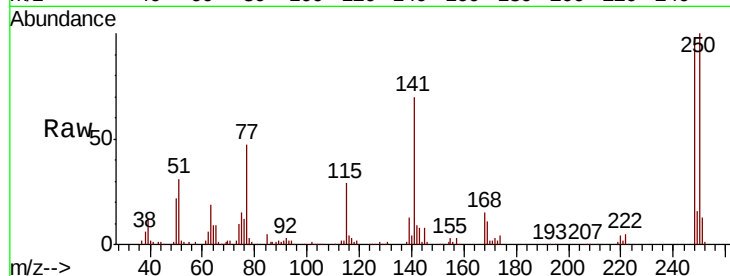




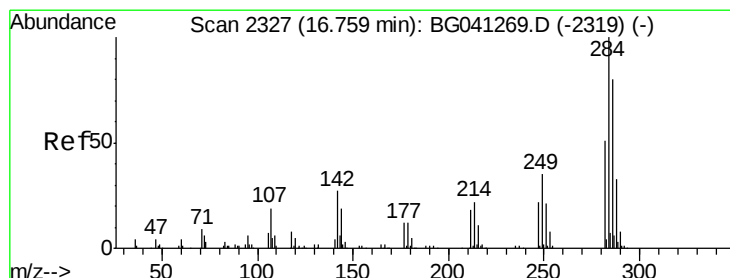
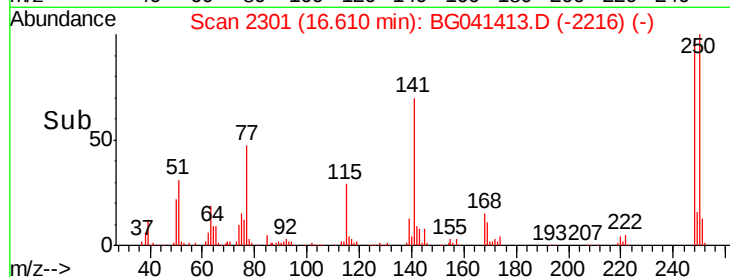
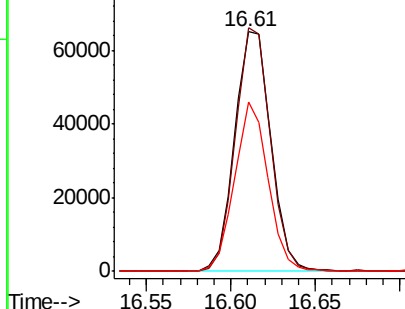
#67
4-Bromophenyl-phenylether
Concen: 38.277 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:248 Resp: 97009
Ion Ratio Lower Upper
248 100
250 101.8 79.8 119.8
141 71.1 55.8 83.6

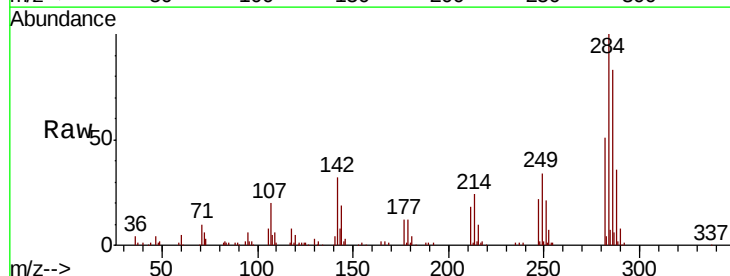


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

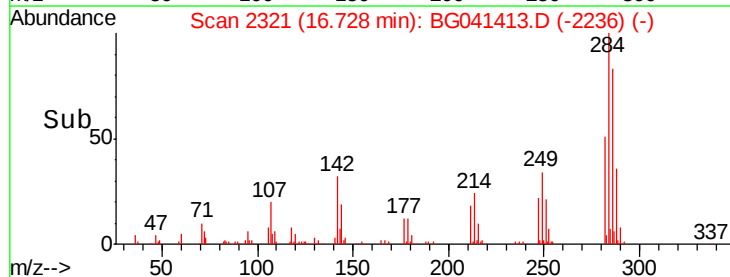
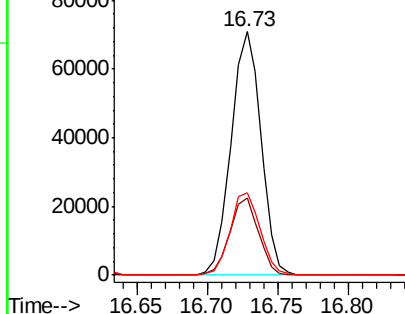


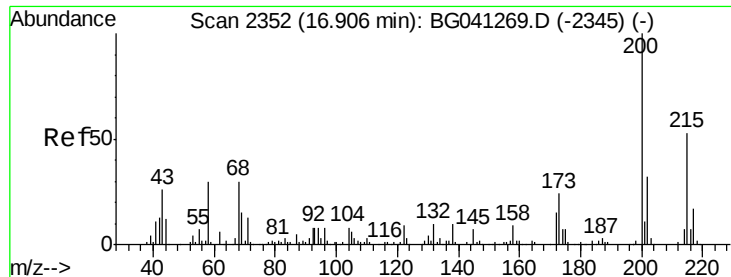
#68
Hexachlorobenzene
Concen: 38.423 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:284 Resp: 104277
Ion Ratio Lower Upper
284 100
142 31.7 21.8 32.8
249 33.9 27.8 41.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

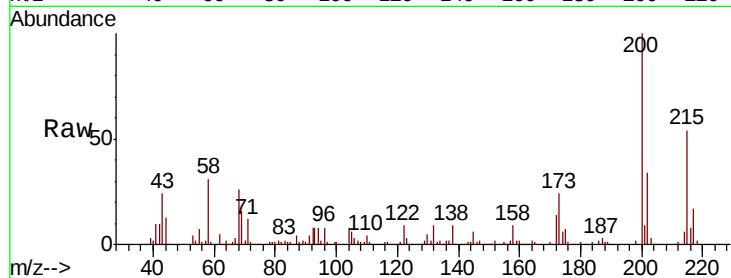
Tot Ion:200 Resp: 105684

Ion Ratio Lower Upper

200 100

173 24.1 4.0 44.0

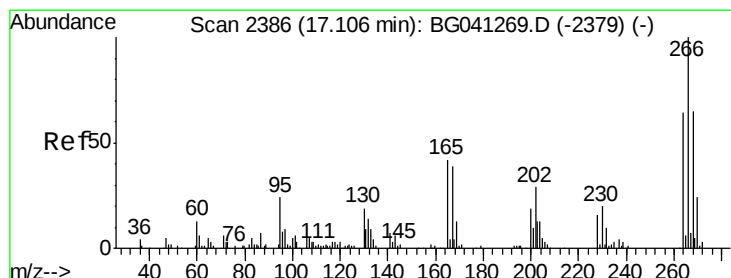
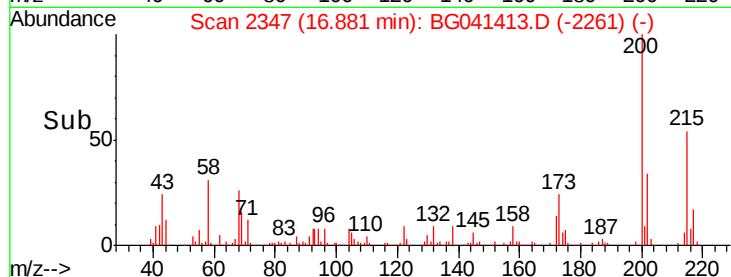
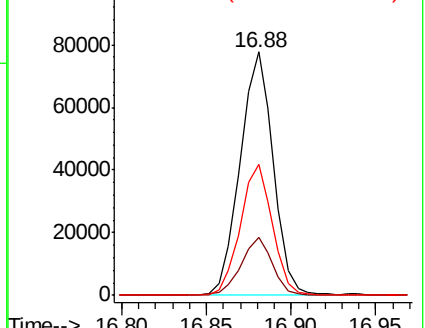
215 53.9 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.818 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

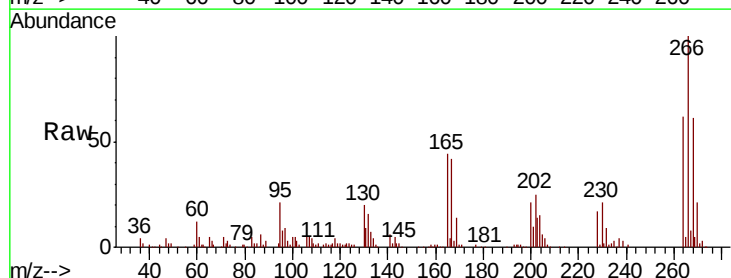
Tgt Ion:266 Resp: 116480

Ion Ratio Lower Upper

266 100

268 61.4 52.0 78.0

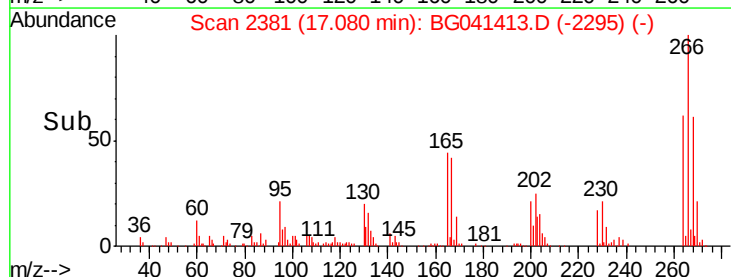
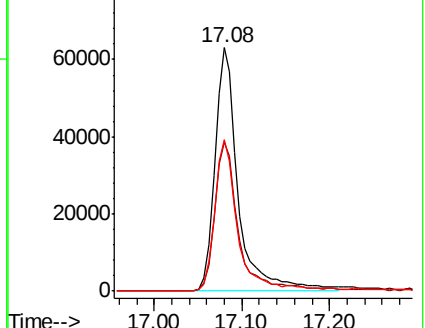
264 62.4 51.2 76.8

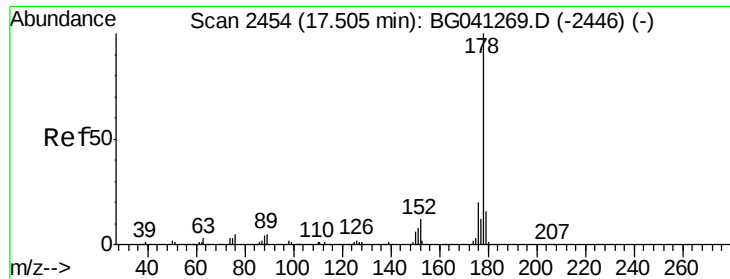


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

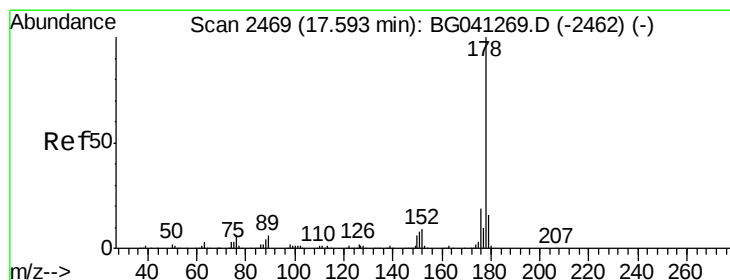
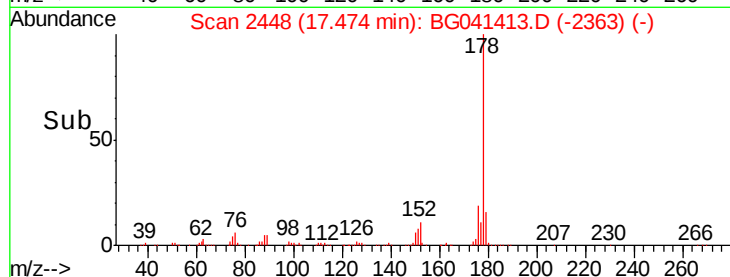
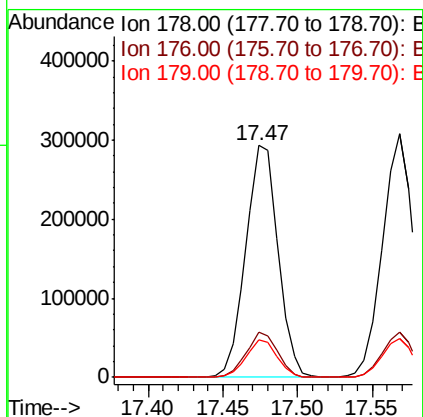
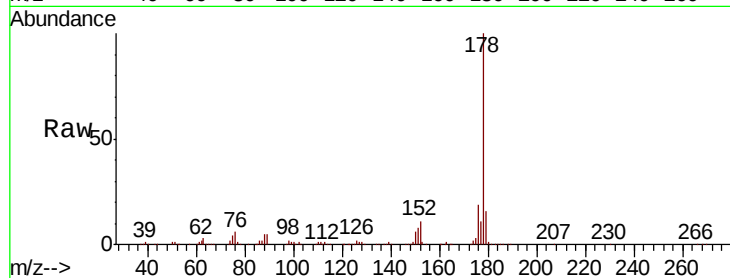




#71
Phenanthrene
Concen: 42.070 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

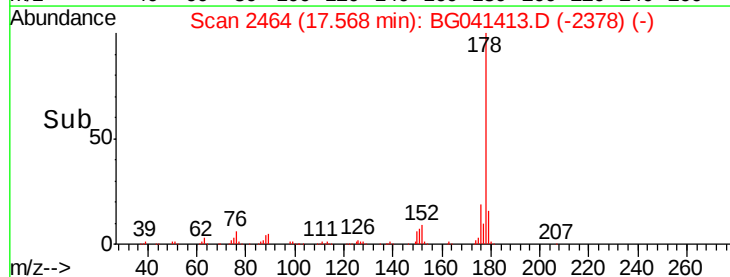
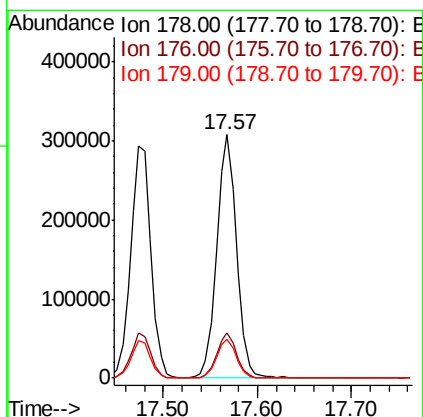
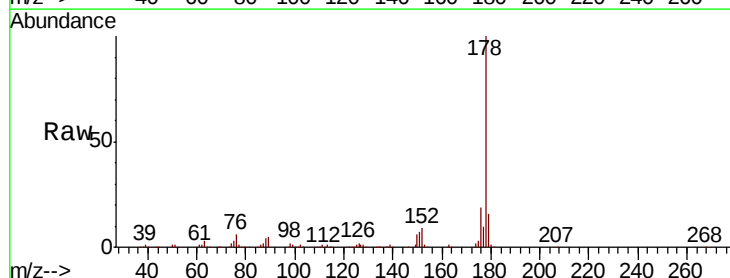
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

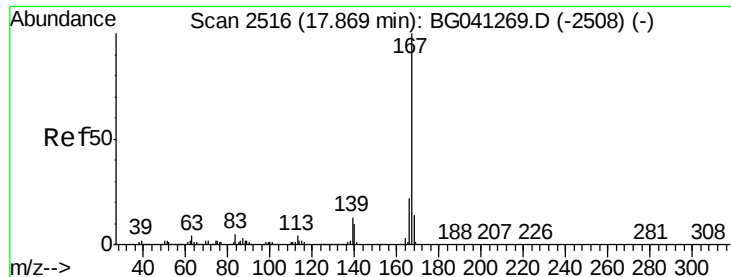
Tot Ion:178 Resp: 439786
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.0 12.9 19.3



#72
Anthracene
Concen: 44.015 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:178 Resp: 453612
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.9 13.0 19.4

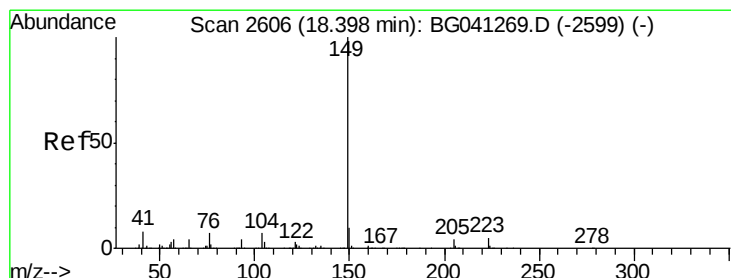
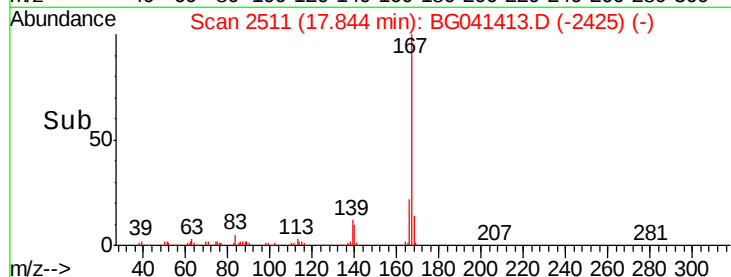
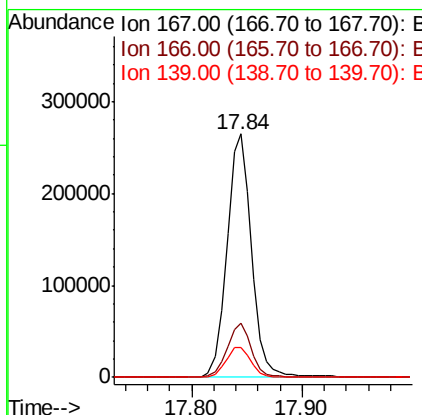
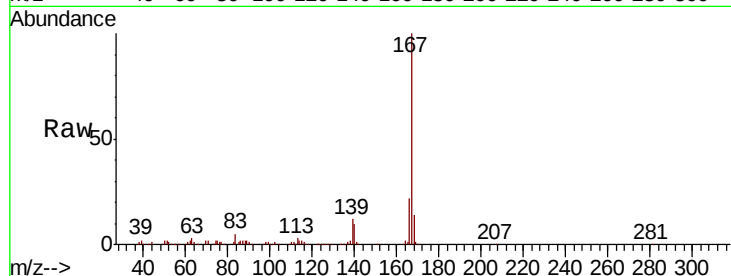




#73
 Carbazole
 Concen: 45.621 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

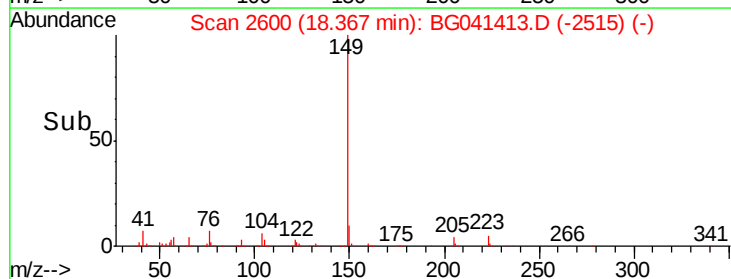
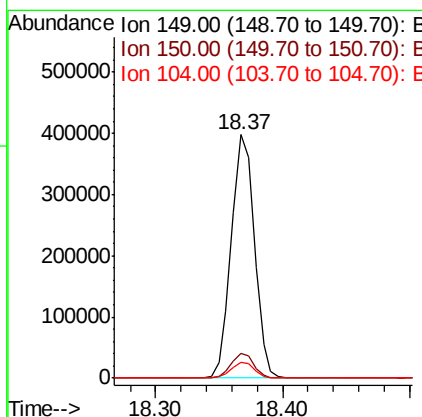
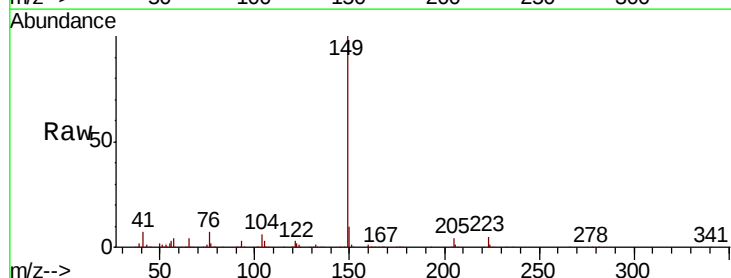
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MS

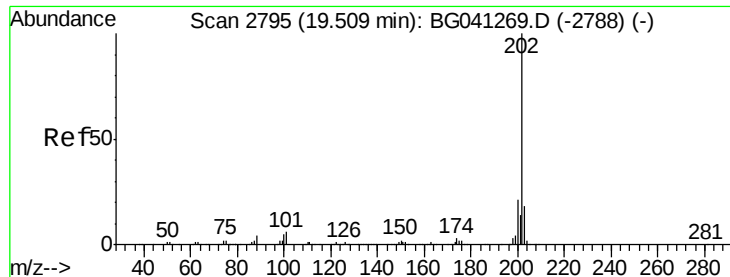
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	12.3	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 44.551 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.03 min
 Lab File: BG041413.D
 Acq: 22 Jun 2019 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.5	5.4	8.0





#75

Fluoranthene

Concen: 46.081 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

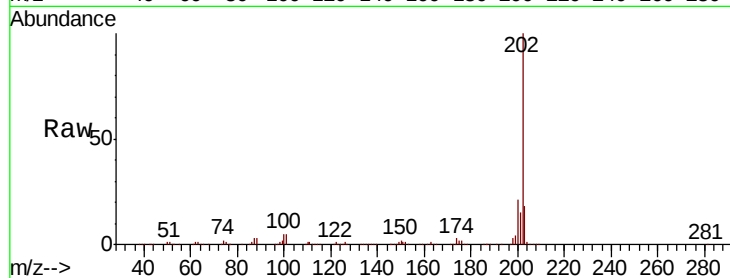
Tot Ion:202 Resp: 639956

Ion Ratio Lower Upper

202 100

101 5.3 0.0 26.0

203 18.2 0.0 37.7

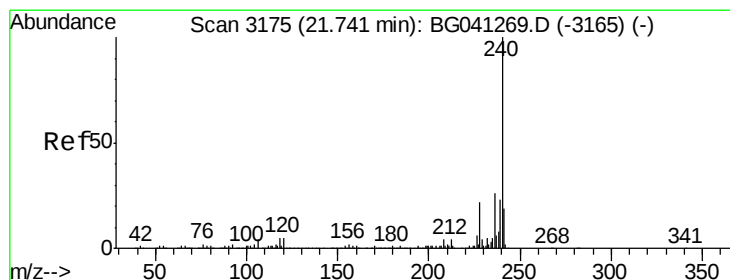
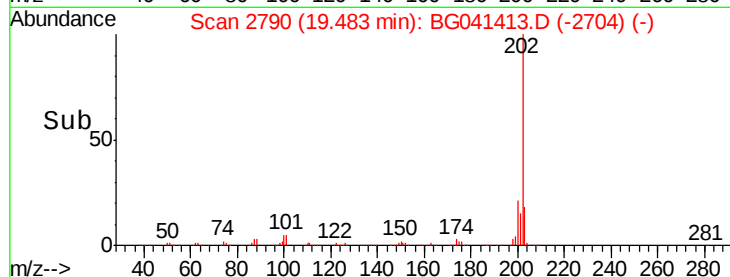
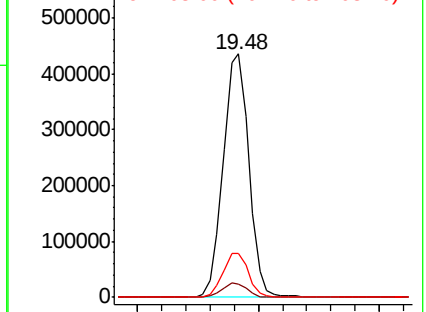


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

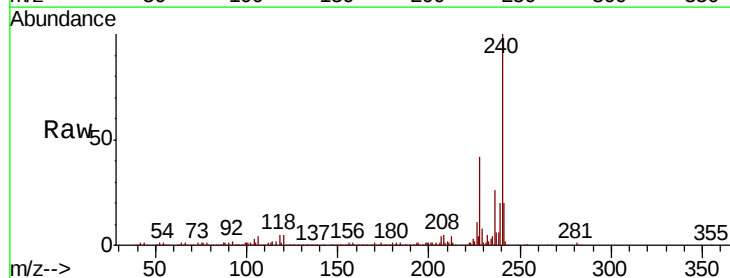
Tgt Ion:240 Resp: 231610

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

236 26.0 21.1 31.7

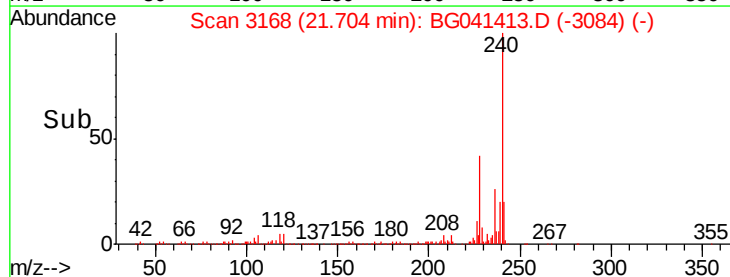
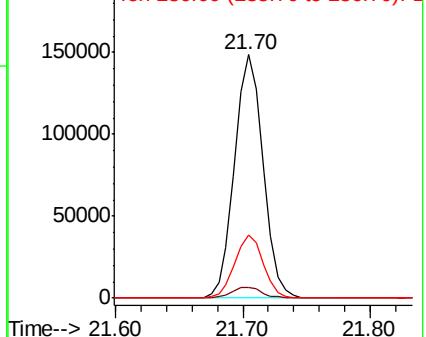


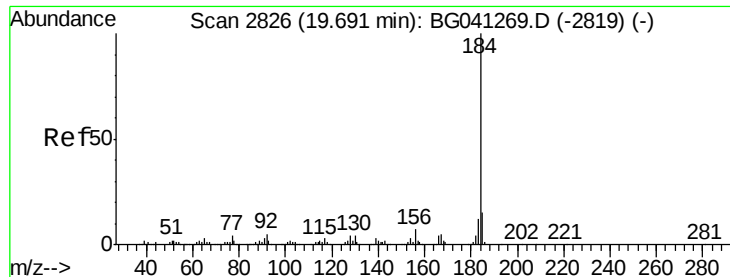
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.561 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

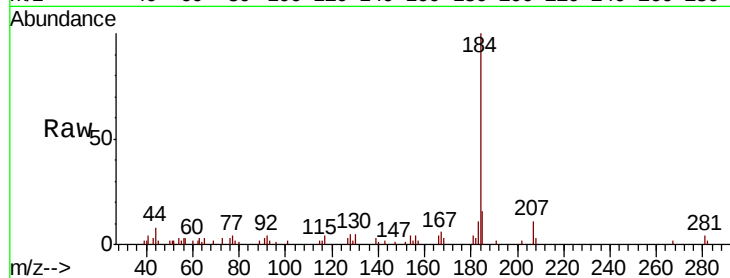
Tot Ion:184 Resp: 25549

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

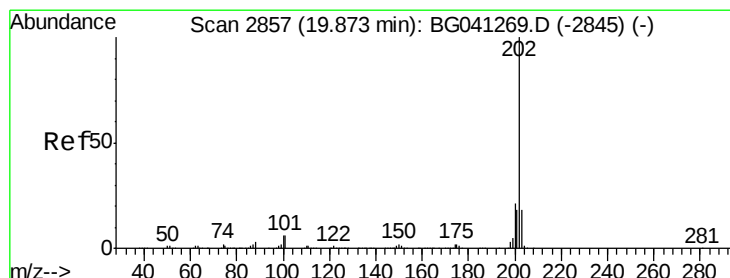
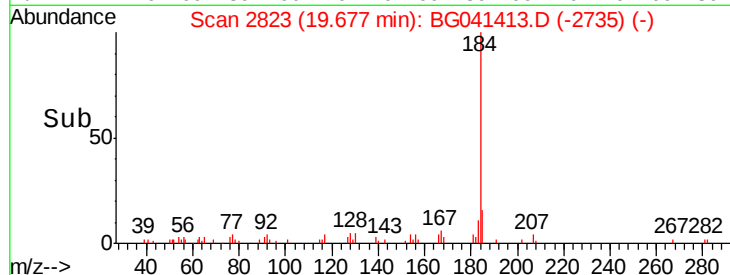
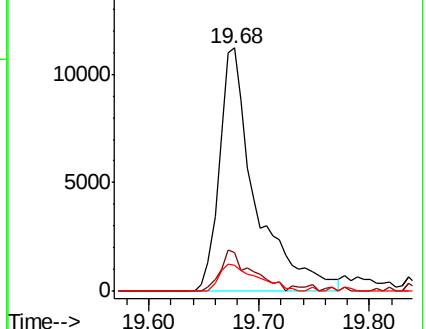
183 10.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.994 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

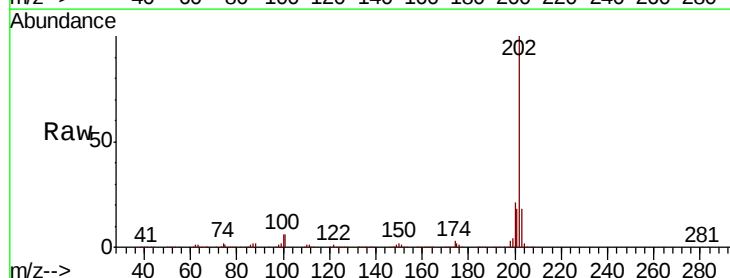
Tgt Ion:202 Resp: 655941

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

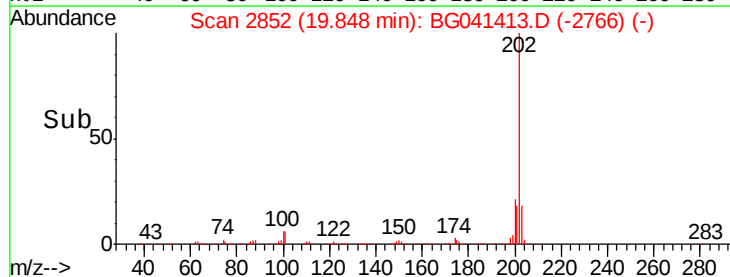
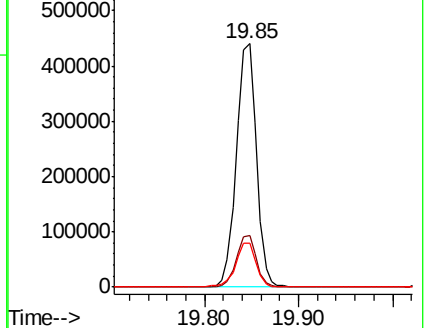
203 17.8 14.6 21.8

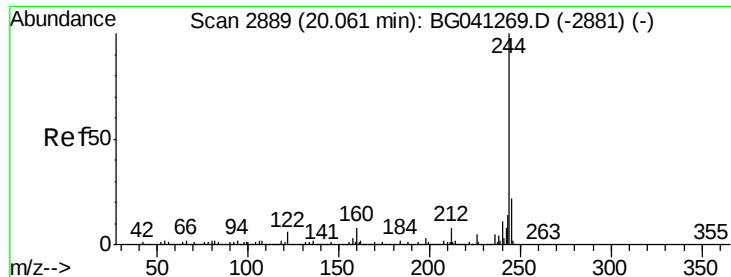


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.448 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

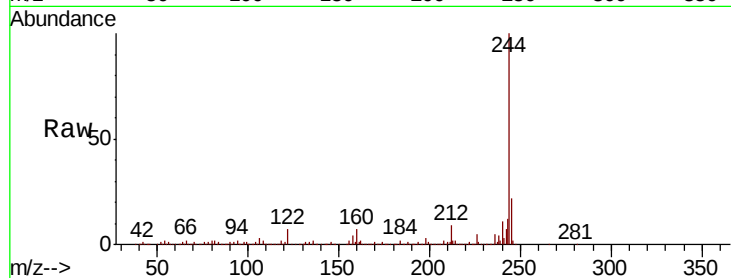
Tot Ion:244 Resp: 1021995

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

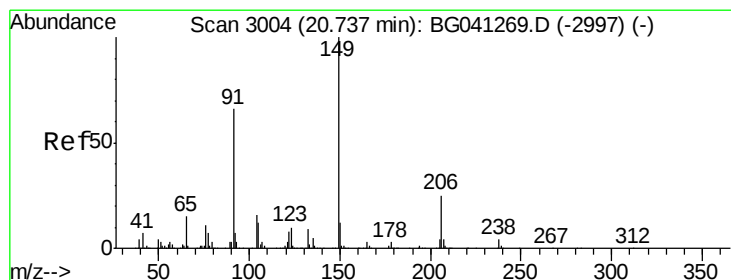
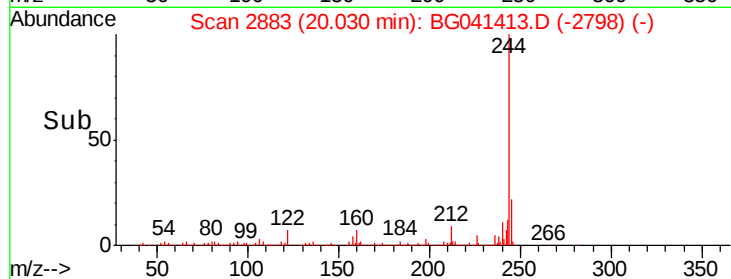
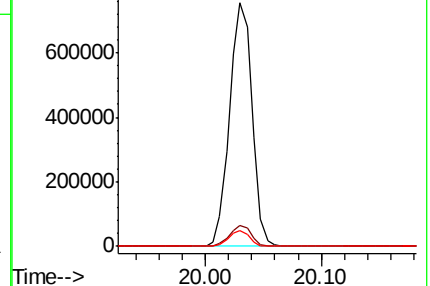
122 6.7 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.654 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.03 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

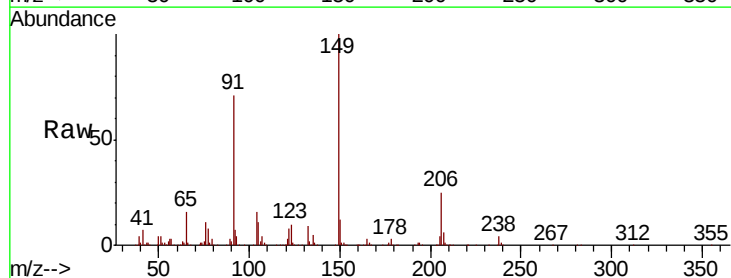
Tgt Ion:149 Resp: 246102

Ion Ratio Lower Upper

149 100

91 70.7 53.2 79.8

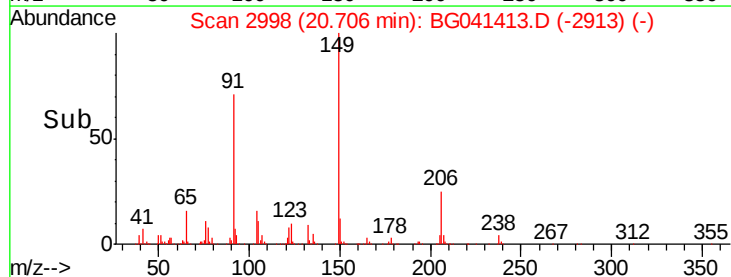
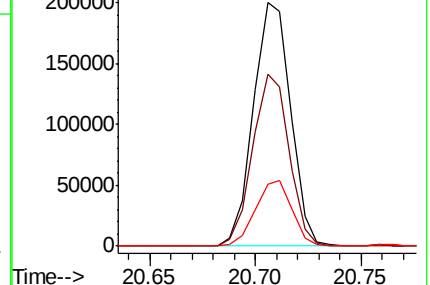
206 25.5 20.3 30.5

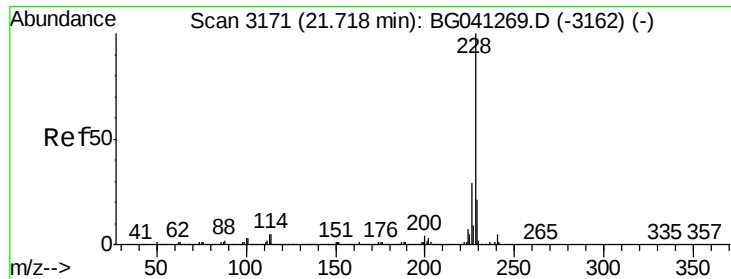


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

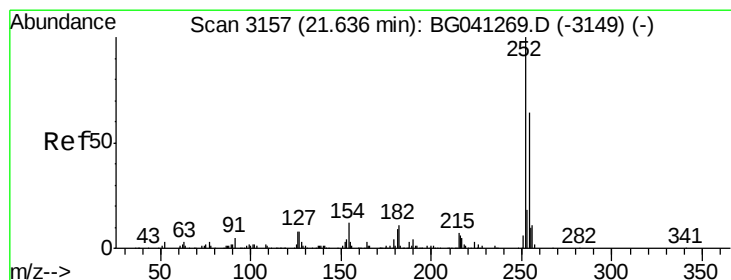
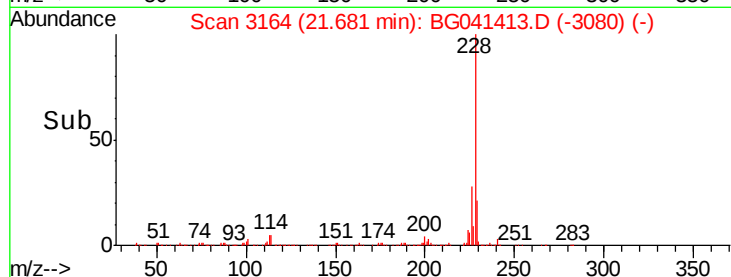
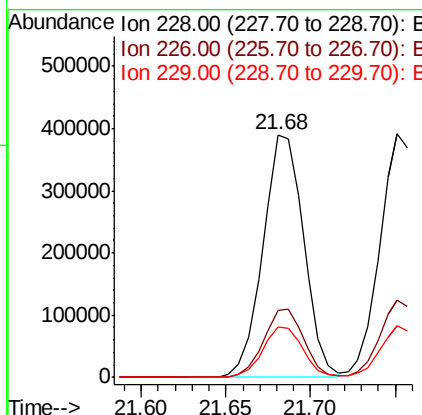
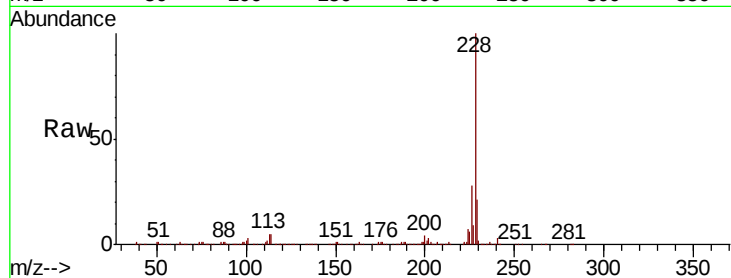




#81
Benzo(a)anthracene
Concen: 41.293 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

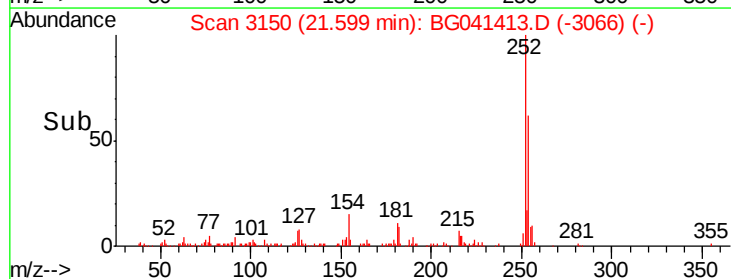
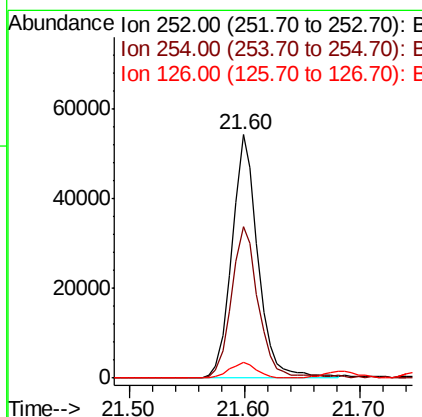
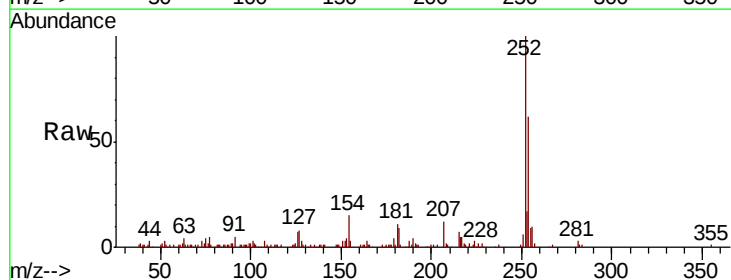
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

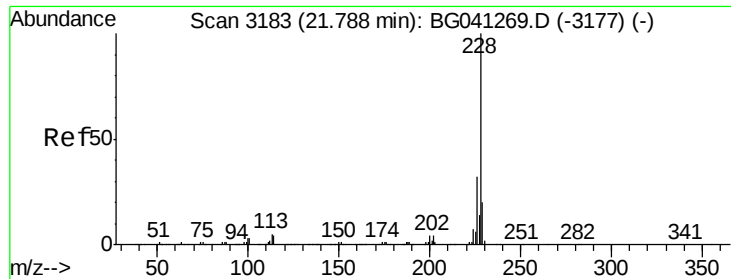
Tot Ion:228 Resp: 647551
Ion Ratio Lower Upper
228 100
226 27.7 23.2 34.8
229 20.7 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 15.408 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.04 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:252 Resp: 84822
Ion Ratio Lower Upper
252 100
254 62.2 51.4 77.0
126 6.6 6.0 9.0





#83

Chrysene

Concen: 41.850 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

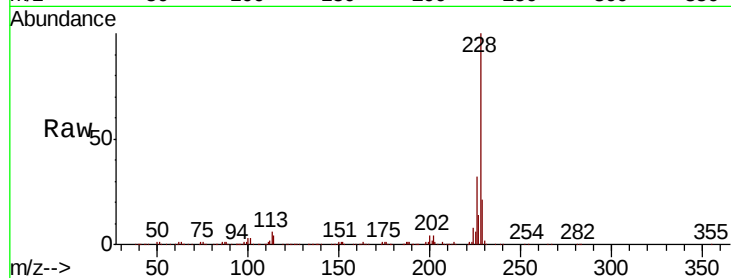
Tot Ion:228 Resp: 631139

Ion Ratio Lower Upper

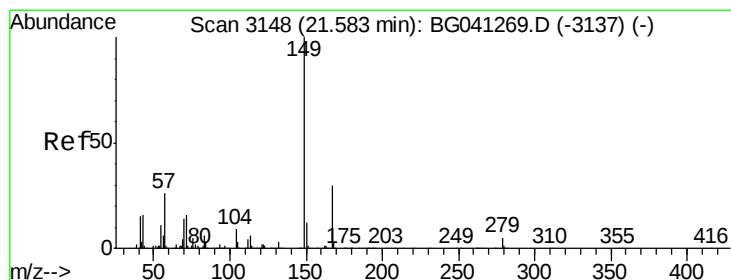
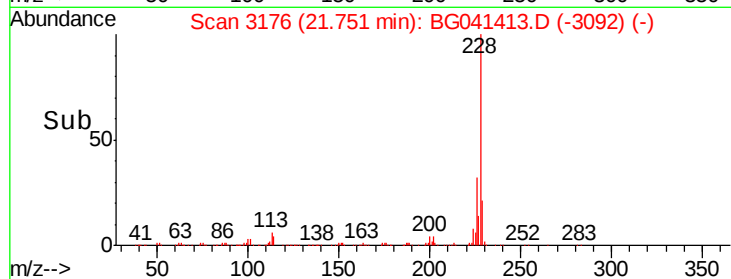
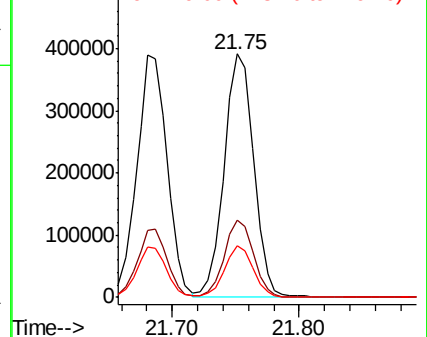
228 100

226 31.6 25.4 38.0

229 21.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.060 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

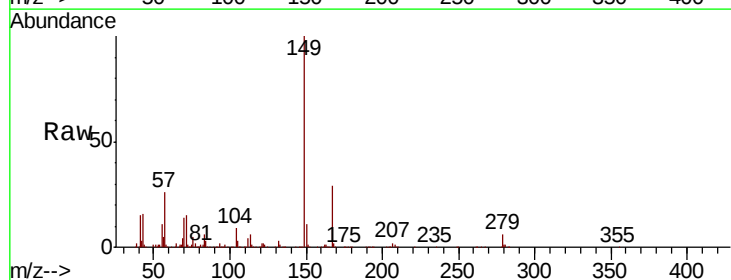
Tgt Ion:149 Resp: 346706

Ion Ratio Lower Upper

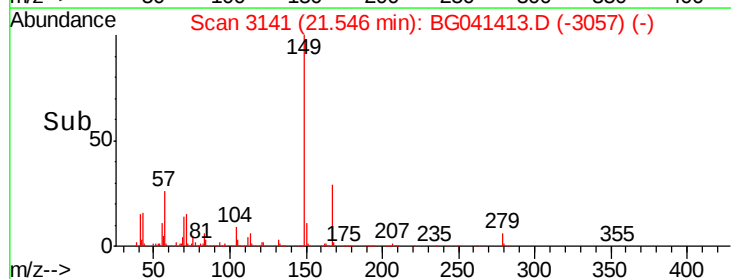
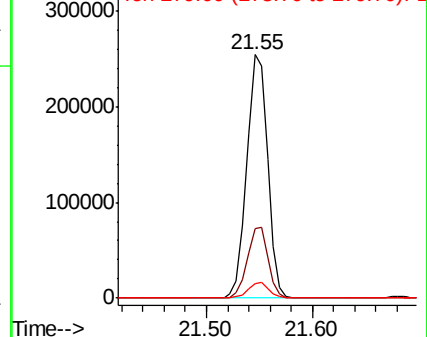
149 100

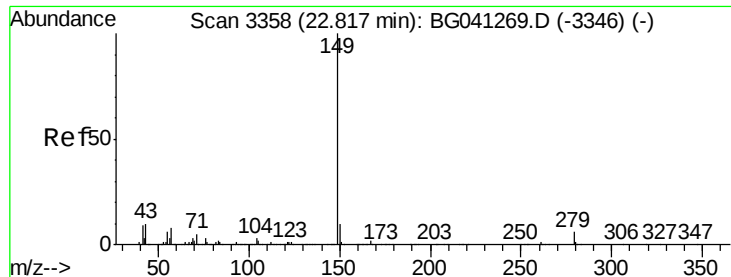
167 28.8 23.8 35.8

279 6.0 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.608 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

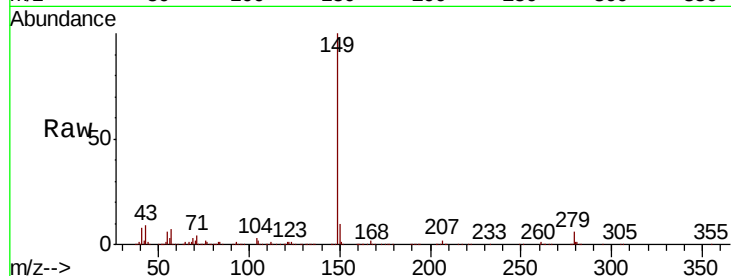
Tot Ion:149 Resp: 594034

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

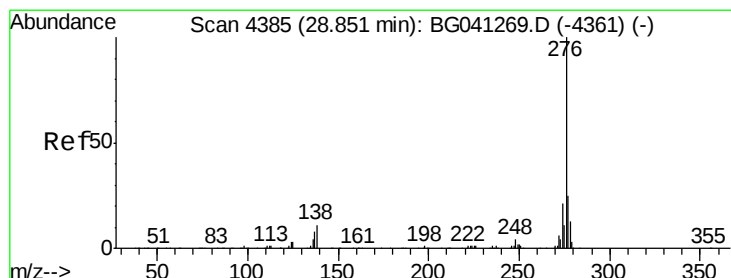
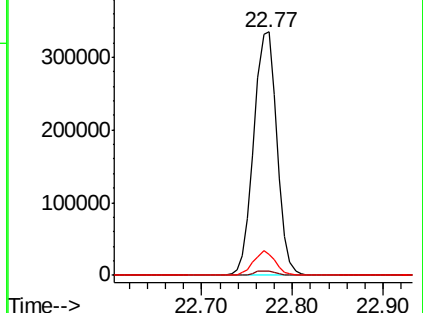
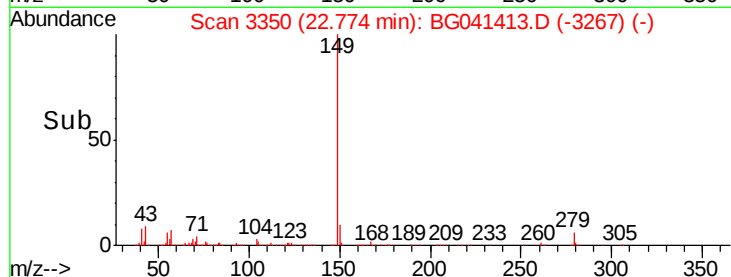
43 9.5 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.272 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.08 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

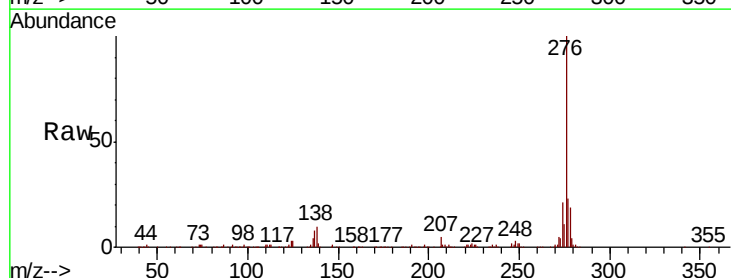
Tgt Ion:276 Resp: 756361

Ion Ratio Lower Upper

276 100

138 12.3 7.7 11.5#

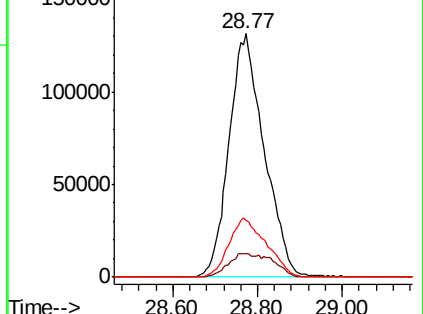
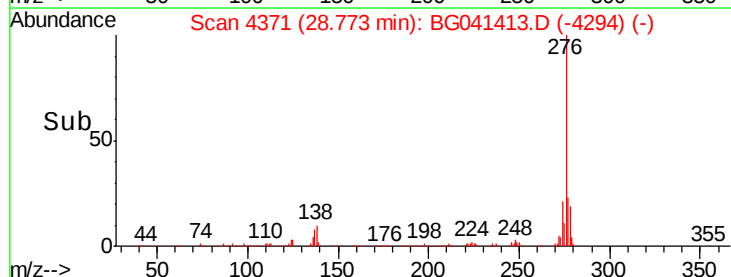
277 25.8 20.6 31.0

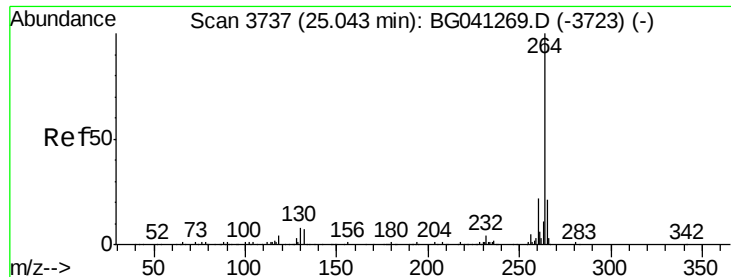


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.05 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MS

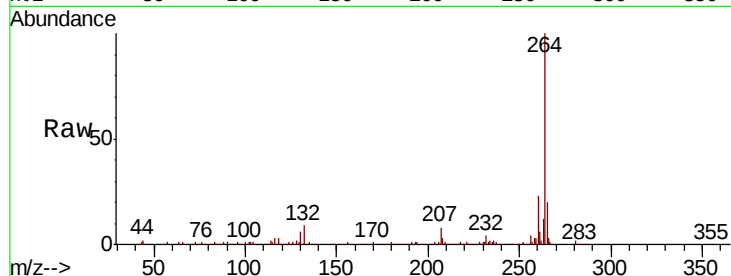
Tot Ion:264 Resp: 243520

Ion Ratio Lower Upper

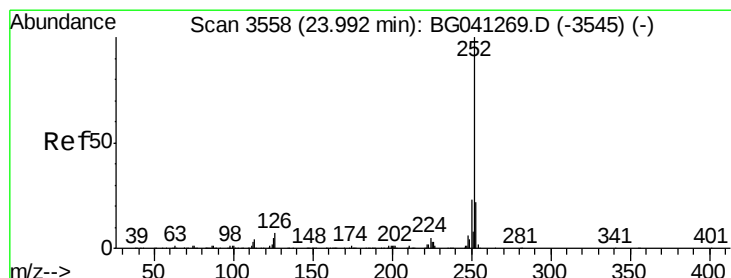
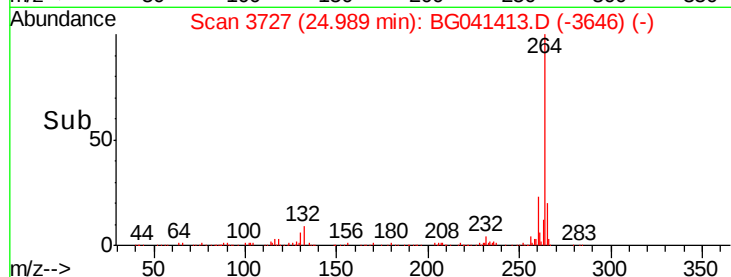
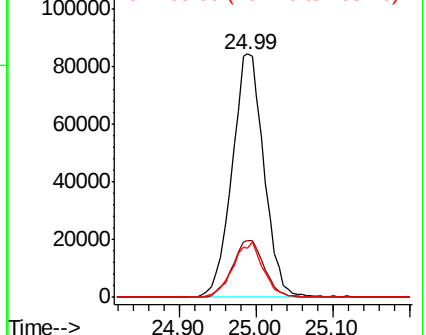
264 100

260 23.2 17.4 26.2

265 20.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.013 ng

RT: 23.94 min Scan# 3548

Delta R.T. -0.05 min

Lab File: BG041413.D

Acq: 22 Jun 2019 21:24

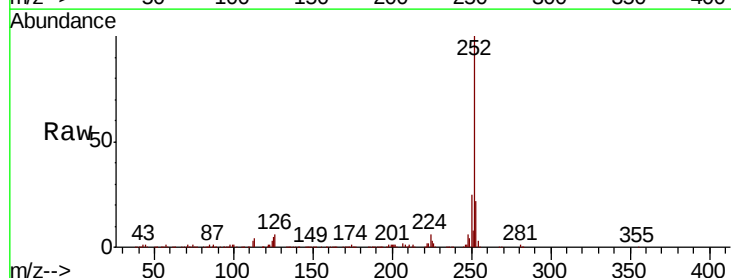
Tgt Ion:252 Resp: 649139

Ion Ratio Lower Upper

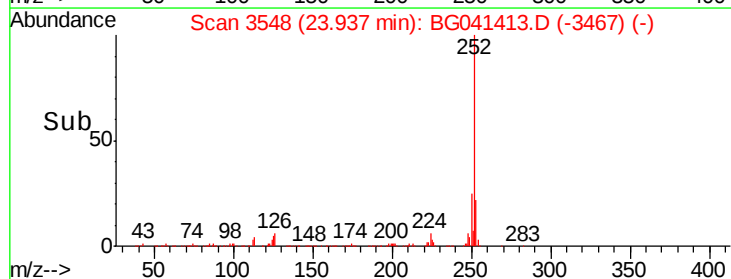
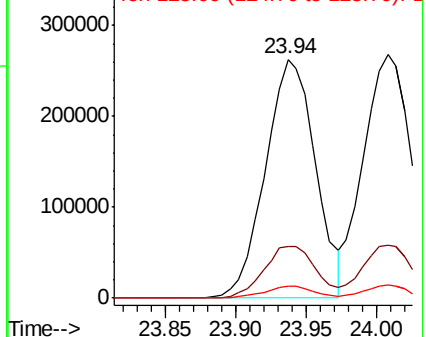
252 100

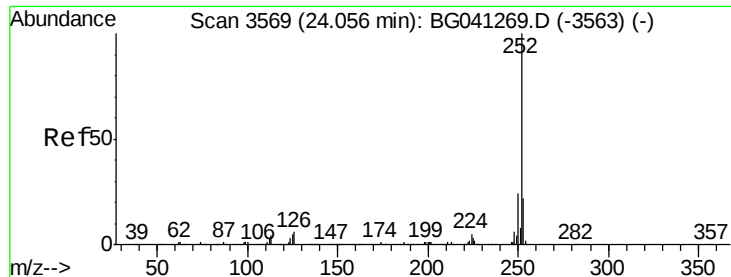
253 21.6 17.4 26.0

125 4.8 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

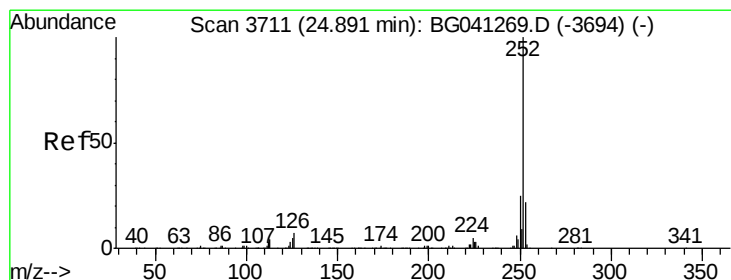
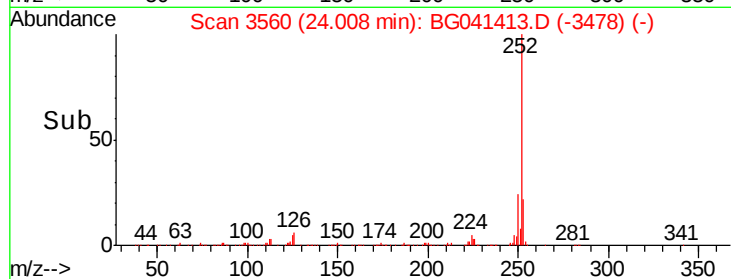
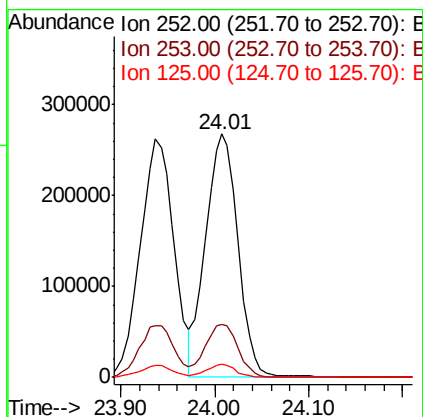
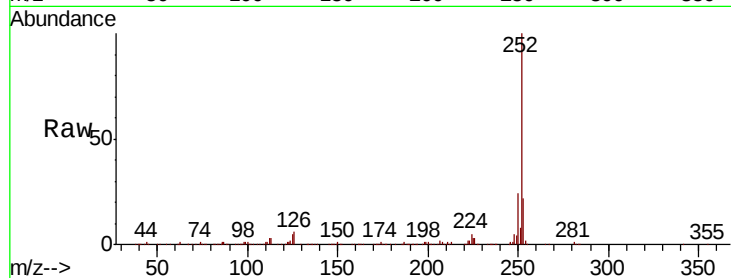




#89
Benzo(k)fluoranthene
Concen: 42.838 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.05 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

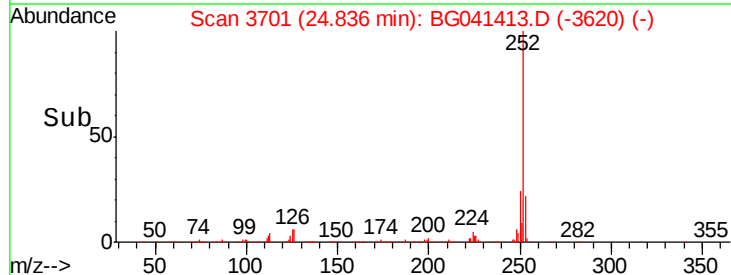
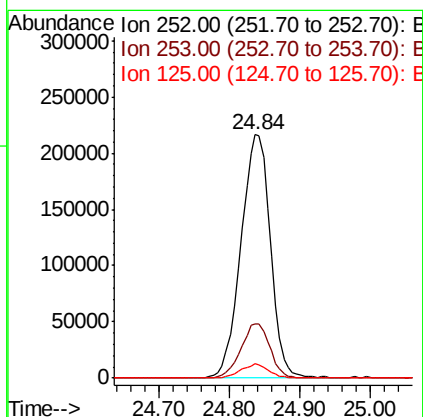
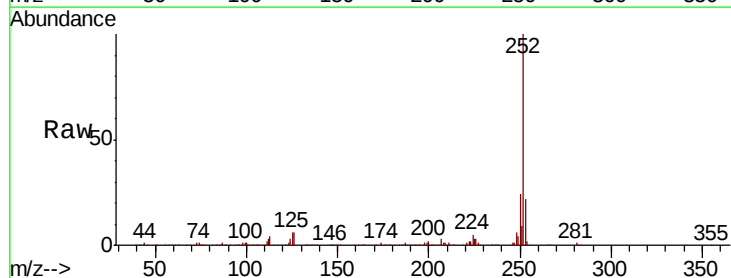
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

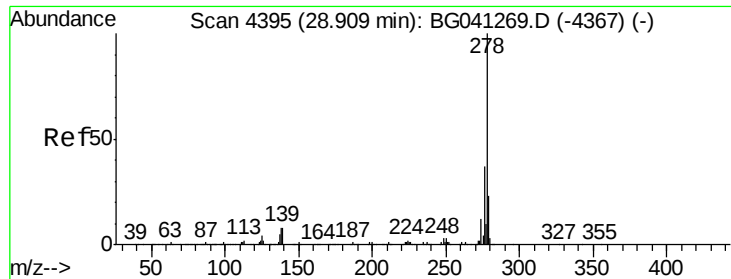
Tot Ion:252 Resp: 640444
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 5.3 4.3 6.5



#90
Benzo(a)pyrene
Concen: 44.106 ng
RT: 24.84 min Scan# 3701
Delta R.T. -0.05 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:252 Resp: 628642
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 5.7 4.2 6.4

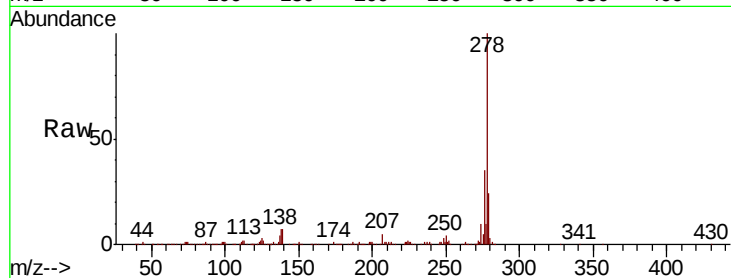




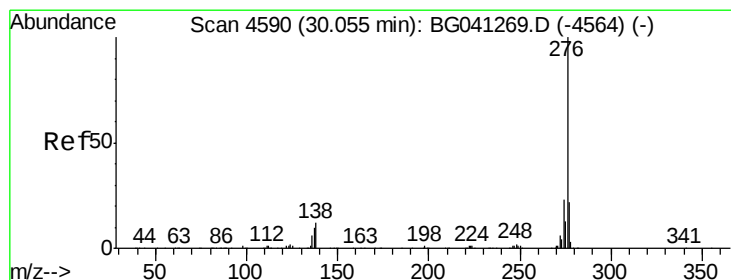
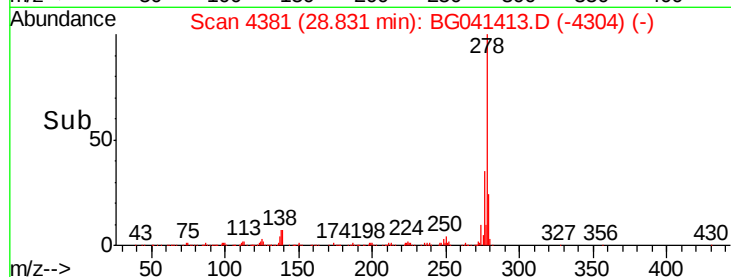
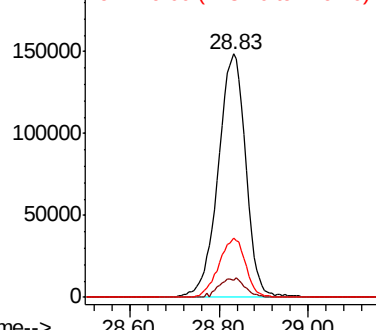
#91
Dibenzo(a,h)anthracene
Concen: 43.797 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.08 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MS

Tot Ion:278 Resp: 628449
Ion Ratio Lower Upper
278 100
139 7.2 6.6 10.0
279 24.4 18.5 27.7

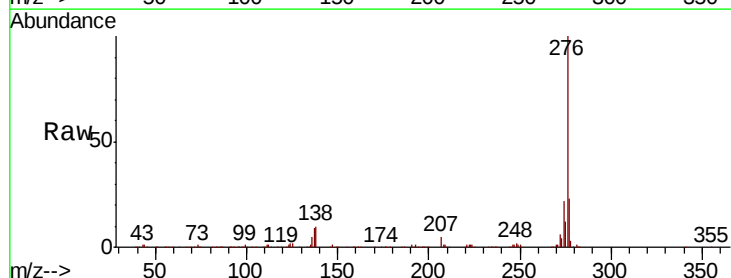


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.671 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.10 min
Lab File: BG041413.D
Acq: 22 Jun 2019 21:24

Tgt Ion:276 Resp: 633459
Ion Ratio Lower Upper
276 100
277 22.6 17.9 26.9
138 9.7 9.4 14.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

